

Environmental

6280 Brookshire Drive, Rocklin, CA 95677

Tel: (916) 415-1134, FAX : (916) 415-1154

July 24, 2005

Ms. Cat Runden
Tesoro Environmental Resources Company
3450 S. 344th Way, Suite 100
Auburn WA 98001-5931

Subject: *Quarterly Ground Water Monitoring and
Remediation System Status Report, Second Quarter 2005*
Tesoro Station No. 67062
(Former Beacon Station No. 3700)
7898 Old Redwood Highway
Cotati, California
RDM Project No. 00-3700

Dear Ms. Runden:

On Behalf of Tesoro Environmental Resources Company (Tesoro), RDM Environmental (RDM) has prepared the following quarterly ground water monitoring report. This report describes quarterly ground water monitoring activities and remediation system status for the **Second Quarter 2005**.

Work Performed During the Second Quarter 2005:

- Ground water sampling was conducted on **April 29, 2005**.
- Operation and maintenance was conducted bi-monthly on the remediation system.
- Ozone sparge wells OS-2A/B, OS-3A/B, OS-4A/B, OS-5A/B, and OS-6A/B were installed during June 1 through 3, 2005.

STATUS OF GROUND WATER MONITORING

Cumulative ground water sampling information is tabulated in Table 1. A site location map, site map, ground water elevation contour map for the A-Zone and B-Zone, and benzene, total petroleum hydrocarbon (TPH) as gasoline, and methyl-t-butyl ether iso-concentration maps for both the A-Zone and B-Zone are illustrated on Figures 1 through 10, respectively. MTBE is the primary chemical of concern for this site. Tesoro was directed by the Regional Water Quality Control Board to evaluate varying ground water characteristics of the two upper water bearing zones (A-Zone 10 to 20 feet below surface grade (bsg) and B-Zone 30 to 40 feet bsg). Figures 3 through 10 are a reflection of this evaluation.

The site history is included in Enclosure A, the quarterly monitoring data sheets are included in Enclosure B and the ground water analytical results are included in Enclosure C. Historical ground water monitoring data is included in Enclosure D.

- Local ground water flows towards the recovery wells and historical ground water flow direction is to the south.

Cost Effective Solutions

KIFF # 43525

to RLM

10-3-05

PV

STATUS OF REMEDIATION SYSTEM

Operation and maintenance is performed bi-monthly by RDM on a remediation system consisting of ground water treatment and air sparging components. A process flow diagram showing details of the system is shown as Figure 11.

Operation & Maintenance Site Visits:

- Operation and maintenance site visits were conducted for the **Second Quarter 2005** on:
 - **April 8 and 25, 2005**
 - **May 3 and 12, 2005**
 - **June 1 and 28, 2005**

Ground Water Extraction System Performance:

- The ground water treatment system operated continuously during the **Second Quarter 2005**.
- During the **Second Quarter 2005**, the ground water treatment system processed approximately **9,140** gallons.
- As of **June 28, 2005**, the ground water treatment system has processed approximately **2,420,180** gallons.
- The ground water treatment system performance data is included in Table 2. Remediation system analytical results are included in Enclosure E.
- The ground water treatment system extracts ground water from recovery wells RW-2 and RW-3A.
- Based on the low flow ground water extraction rates of the ground water system, RDM will pull, inspect, and clean the ground water recovery pumps during July 2005.

Air Sparging System Performance:

- The air sparging system did not operate during the **Second Quarter 2005**. The air sparge system was shut off during the ozone sparge test so as not to interfere with the ozone test results.
- When operational, the air sparging system injects air into monitoring wells MW-2, MW-4, MW-8, MW-9, MW-10, MW-14, and MW-19.
- The air-sparging compressor is operating with a 50/50 duty cycle.

Purge Water & Disposal

Purge water from the quarterly ground water monitoring event was pumped through the onsite remediation system and discharged into the sanitary sewer under permit.

CONCLUSIONS/RECOMMENDATIONS

The ground water treatment system performance data included in Table 2 indicates the ground water treatment system is extracting and treating elevated concentrations of dissolved MTBE. RDM recommends continued operation of the remediation system and continuing quarterly ground water monitoring activities.

Ms. Cat Runden
Tesoro Environmental Resources Company
July 24, 2005
Page 3

With the installation of the ozone wells in June, RDM is moving forward with the full scale ozone system. Installation of the ozone sparge system is tentatively scheduled for August 2005.

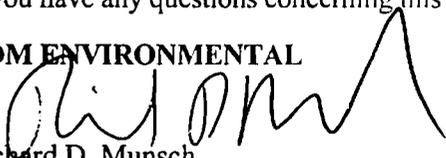
The interpretations contained in this report represent our professional opinions and are based, in part, on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

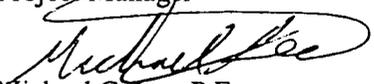
RDM recommends that this report be forwarded to the following agency:

Ms. Beth Lamb
California Regional Water Quality Control Board,
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

If you have any questions concerning this project, please contact Richard Munsch at (916) 415-1134.

RDM ENVIRONMENTAL


Richard D. Munsch
Project Manager


Michael G. Lee, P.E.
California Registered Civil Engineer No. C055795



RDM (67062 2Q GWM 4-29-05.doc)

cc: Ms. Tammy Devol – Santa Rosa Sub-Regional Water Reclamation System

Enclosures:

- Enclosure A: Site Background Information
- Enclosure B: Ground Water Sampling Information
- Enclosure C: Ground Water Monitoring Analytical Results
- Enclosure D: Historical Ground Water Monitoring Data
- Enclosure E: Remediation System Analytical Results

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-2	08/20/98	106.58	12.16	94.42	<50	<50	<50	<50	<5,000	1,000	NA	No LPH or sheen	
	11/18/98		16.26	90.32	<0.5	<0.5	<0.5	0.76	74	140	NA	No LPH or sheen	
	02/15/99		11.78	94.80	0.72	0.93	<0.5	1.5	69	6,800	NA	No LPH or sheen	
	05/19/99		12.51	94.07	<0.5	<0.5	<0.5	<0.5	73	38	NA	No LPH or sheen	
	09/08/99		15.97	90.61	<0.5	0.76	<0.5	<0.5	130	580	NA	No LPH or sheen	
	11/24/99		17.37	89.21	<2.5	3.7	<2.5	<2.5	4200	6,900	NA	No LPH or sheen	
	03/15/00		10.50	96.08	<2.0	<2.0	<2.0	<2.0	<200	16,000	NA	No LPH or sheen	
	11/27/00		17.03	89.55	<5.0	<5.0	<5.0	<5.0	<500	1,700	NA	No LPH or sheen	
	02/13/01		14.26	92.32	<5.0	<5.0	<5.0	<5.0	<500	2,800	NA	No LPH or sheen	
	06/14/01		15.27	91.31	<2.5	<2.5	<2.5	<2.5	<250	1,100	NA	No LPH or sheen	
	08/28/01	17.59	88.99	<5.0	<5.0	<5.0	<5.0	3000	<500	NA	No LPH or sheen		
	11/26/01	18.05	88.53	<2.0	<2.0	<2.0	<2.0	<200	660	NA	No LPH or sheen		
	03/07/02	108.69	12.15	95.54	<50	<50	<50	<50	<5,000	21,000	NA	No LPH or sheen	
	06/10/02		14.78	93.91	<10	<10	<10	<10	24000	4,300	NA	No LPH or sheen	
	08/26/02		17.22	91.47	<5.0	<5.0	<5.0	<5.0	<500	2,100	NA	No LPH or sheen	
	11/27/02		18.75	89.94	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/27/03		13.29	95.40	<2.5	<2.5	<2.5	<2.5	<2,500	10,000	3400 ^a	3400 ^a	No LPH or sheen
	05/28/03		13.41	95.28	<1.5	<1.5	<1.5	<1.5	<200	600	970 ^a	970 ^a	No LPH or sheen
	08/11/03		15.32	93.37	<5.0	<5.0	<5.0	<5.0	<500	1,700	2,300 ^a	2,300 ^a	No LPH or sheen
	11/20/03		18.21	90.48	<1.5	<1.5	<1.5	<1.5	<200	830	2200 ^a	2200 ^a	No LPH or sheen
	03/12/04		11.68	97.01	4.0	1.2	<1.0	1.7	110	130	2100 ^a	2100 ^a	No LPH or sheen
	05/01/04		13.34	95.35	<0.5	<0.5	<0.5	<0.5	81	91	1300 ^a	1300 ^a	No LPH or sheen
	07/09/04		14.61	94.08	<0.5	<0.5	<0.5	<0.5	75	36	600 ^a	600 ^a	No LPH or sheen
11/19/04	14.88		93.81	<0.5	<0.5	<0.5	<0.5	98	11	200 ^a	200 ^a	No LPH or sheen	
02/18/05	11.70	96.99	<0.5	<0.5	<0.5	<0.5	100	27	910 ^a	910 ^a	No LPH or sheen		
04/29/05	11.15	97.54	<0.5	<0.5	<0.5	<0.5	86	79	1,400 ^a	1,400 ^a	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-3	08/20/98	105.99	12.39	93.60	NS	NS	NS	NS	NS	NS	NA	Not sampled	
	11/18/98		16.04	89.95	NS	NS	NS	NS	NS	NS	NA	Not sampled	
	02/15/99		10.99	95.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	05/19/99		11.94	94.05	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	09/08/99		15.86	90.13	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/24/99		17.14	88.85	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/15/00		9.16	96.83	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		18.70	87.29	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/13/01		13.24	92.75	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/14/01		14.08	91.91	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/28/01		16.31	89.68	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/26/01		17.01	88.98	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/07/02		108.60	11.88	96.72	<0.5	<0.5	<0.5	<0.5	<50	140	NA	No LPH or sheen
	06/10/02			14.20	94.40	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/26/02			16.70	91.90	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/27/02	18.12		90.48	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/27/03	12.60		96.00	<0.5	<0.5	<0.5	<0.5	<50	88	ND	No LPH or sheen	
	05/28/03	11.55		97.05	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/11/03	14.81		93.79	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/20/03	17.90		90.70	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/12/04	10.43		98.17	<0.5	<0.5	<0.5	<0.5	<50	760	ND	Not sampled	
	05/01/04	12.63		95.97	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	07/09/04	14.16	94.44	NS	NS	NS	NS	NS	NS	NS	Not sampled		
11/19/04	14.29	94.31	NS	NS	NS	NS	NS	NS	NS	Not sampled			
02/18/05	9.96	98.64	<0.5	<0.5	<0.5	<0.5	<50	19.0	ND	No LPH or sheen			
04/29/05	9.85	98.75	NS	NS	NS	NS	NS	NS	NS	Not sampled			

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-4	08/20/98	104.52	12.74	91.78	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/18/98		14.91	89.61	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/15/99		13.12	91.40	<0.5	<0.5	<0.5	<0.5	86	15	NA	No LPH or sheen	
	05/19/99		10.44	94.08	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	09/08/99		16.50	88.02	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/24/99		17.40	87.12	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/15/00		9.44	95.08	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		18.98	85.54	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/13/01		15.83	88.69	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/14/01		14.90	89.62	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/28/01		17.46	87.06	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/26/01		19.92	84.60	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/07/02	107.18	11.65	95.53	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/10/02		14.06	93.12	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/26/02		16.58	90.60	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/27/02		17.98	89.20	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/27/03		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not Located
	05/28/03		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not Located
	08/11/03		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not Located
	11/20/03		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not Located
	03/12/04		8.85	98.33	0.75	<0.5	<0.5	2.60	<50	3.1	7.5 ^a , 0.58 ^b	No LPH or sheen	
	05/01/04		10.88	96.30	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	07/09/04		13.80	93.38	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
11/19/04	14.16	93.02	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled		
02/18/05	8.66	98.52	<0.5	<0.5	<0.5	0.67	<50	2.6	ND	No LPH or sheen			
04/29/05	7.38	99.80	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-5	08/20/98	104.91	12.63	92.28	2.6	0.72	<0.5	0.54	350	<50	NA	No LPH or sheen	
	11/18/98		15.40	89.51	1.7	0.7	<0.5	1.1	<50	<5.0	NA	No LPH or sheen	
	02/15/99		12.88	92.03	0.91	<0.5	<0.5	<0.5	61	<5.0	NA	No LPH or sheen	
	05/19/99		9.65	95.26	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	09/08/99		15.07	89.84	1.5	<0.5	<0.5	1.3	120	<5.0	NA	No LPH or sheen	
	11/24/99		16.95	87.96	2.0	0.55	<0.5	1.3	200	<5.0	NA	No LPH or sheen	
	03/15/00		8.31	96.60	<0.5	<0.5	<0.5	<0.5	59	<5.0	NA	No LPH or sheen	
	11/27/00		17.32	87.59	2.2	<0.5	<0.5	0.75	230	<0.5	NA	No LPH or sheen	
	02/13/01		15.81	89.10	2.4	0.54	<0.5	0.98	120	0.58	NA	No LPH or sheen	
	06/14/01		14.82	90.09	2.6	<0.5	<0.5	0.88	89	<0.5	NA	No LPH or sheen	
	08/28/01		17.40	87.51	3.0	0.6	<0.5	0.73	550	<0.5	NA	No LPH or sheen	
	11/26/01		20.22	84.69	2.7	<0.5	<0.5	0.85	390	<0.5	NA	No LPH or sheen	
	03/07/02		106.84	10.60	96.24	1.2	2.9	<0.5	<0.5	160	<0.5	NA	No LPH or sheen
	06/10/02			12.99	93.85	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	08/26/02			15.21	91.63	1.3	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	11/27/02			19.19	87.65	2.2	0.54	<0.5	0.61	<50	<0.5	ND	No LPH or sheen
	02/27/03			12.35	94.49	0.67	0.79	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen
	05/28/03	11.16		95.68	0.64	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	08/11/03	14.90		91.94	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	11/20/03	17.30		89.54	1.6	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	03/12/04	8.57		98.27	0.7	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	05/01/04	10.19		96.65	0.63	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	07/09/04	12.93	93.91	1.30	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		
	11/19/04	13.64	93.20	1.30	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		
	02/18/05	7.99	98.85	<0.5	0.75	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		
	04/29/05	6.80	100.04	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
 Former Beacon Station No. 3700
 7898 Old Redwood Highway
 Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-6	08/20/98	107.81	12.81	95.00	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/18/98		16.98	90.83	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/15/99		12.58	95.23	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	05/19/99		9.54	98.27	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	09/08/99		15.01	92.80	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/24/99		15.98	91.83	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/15/00		10.56	97.25	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		17.01	90.80	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/13/01		15.00	92.81	<0.5	<0.5	<0.5	<0.5	<50	3.7	NA	No LPH or sheen	
	06/14/01		15.78	92.03	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/28/01		18.29	89.52	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/26/01		18.62	89.19	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/07/02		110.20	12.43	97.77	<0.5	<0.5	<0.5	<0.5	<50	6.4	NA	No LPH or sheen
	06/10/02		14.91	95.29	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/26/02		17.38	92.82	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/27/02	18.81	91.39	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/27/03	13.28	96.92	<0.5	<0.5	<0.5	<0.5	<0.5	<50	4.7	ND	No LPH or sheen	
	05/28/03	12.81	97.39	<0.5	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/11/03	15.42	94.78	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/20/03	18.44	91.76	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/12/04	10.86	99.34	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	05/01/04	13.11	97.09	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	07/09/04	15.24	94.96	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/19/04	15.29	94.91	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/18/05	10.57	99.63	<0.5	<0.5	<0.5	<0.5	<0.5	<50	2.2	ND	No LPH or sheen	
	04/29/05	10.37	99.83	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-7	08/20/98	106.31	12.26	94.05	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/18/98		15.36	90.95	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/15/99		9.82	96.49	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	05/19/99		10.75	95.56	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	09/08/99		16.03	90.28	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/24/99		17.01	89.30	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/15/00		8.30	98.01	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		17.20	89.11	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/13/01		11.72	94.59	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/14/01		12.70	93.61	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/28/01		15.68	90.63	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/26/01		15.91	90.40	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/07/02		108.12	9.61	98.51	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	06/10/02			12.10	96.02	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/26/02			15.51	92.61	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/27/02			16.62	91.50	NS	NS	NS	NS	NS	NS	NS	Not sampled
	02/27/03			10.49	97.63	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen
	05/28/03	10.31		97.81	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/11/03	12.92		95.20	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/20/03	16.10		92.02	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/12/04	8.83		99.29	<0.5	<0.5	<0.5	<0.5	<50	100	ND	No LPH or sheen	
	05/01/04	10.95		97.17	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	07/09/04	12.63	95.49	NS	NS	NS	NS	NS	NS	NS	Not sampled		
11/19/04	12.70	95.42	NS	NS	NS	NS	NS	NS	NS	Not sampled			
02/18/05	8.75	99.37	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen			
04/29/05	8.70	99.42	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-8	08/20/98	106.50	12.43	94.07	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/18/98		15.04	91.46	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	02/15/99		11.61	94.89	<0.5	<0.5	<0.5	<0.5	<50	28	NA	No LPH or sheen	
	05/19/99		11.95	94.55	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	09/08/99		15.42	91.08	<0.5	<0.5	<0.5	<0.5	<50	5.9	NA	No LPH or sheen	
	11/24/99		15.45	91.05	<0.5	0.51	<0.5	0.6	<50	10	NA	No LPH or sheen	
	03/15/00		7.57	98.93	<0.5	<0.5	<0.5	<0.5	59	<5.0	NA	No LPH or sheen	
	11/27/00		15.93	90.57	<0.5	<0.5	<0.5	<0.5	<50	0.6	NA	No LPH or sheen	
	02/13/01		11.37	95.13	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/14/01		13.19	93.31	<0.5	<0.5	<0.5	<0.5	<50	0.95	NA	No LPH or sheen	
	08/28/01		16.17	90.33	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/26/01		Dry	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/07/02		108.54	7.80	100.74	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	06/10/02			12.33	96.21	<0.5	<0.5	<0.5	<0.5	<50	3.7	NA	No LPH or sheen
	08/26/02			15.78	92.76	<0.5	<0.5	<0.5	<0.5	<50	8.0	NA	No LPH or sheen
	11/27/02	16.70		91.84	<0.5	<0.5	<0.5	<0.5	<50	110	19*	No LPH or sheen	
	02/27/03	9.52		99.02	<0.5	<0.5	<0.5	<0.5	<50	0.6	ND	No LPH or sheen	
	05/28/03	10.78		97.76	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	08/11/03	13.27		95.27	<0.5	<0.5	<0.5	<0.5	<50	8.3	ND	No LPH or sheen	
	11/20/03	16.55		91.99	<0.5	<0.5	<0.5	<0.5	<50	140	18*	No LPH or sheen	
	03/12/04	8.54		100.00	<0.5	<0.5	<0.5	<0.5	<50	6.4	ND	No LPH or sheen	
	05/01/04	10.99		97.55	<0.5	<0.5	<0.5	<0.5	<50	15	ND	No LPH or sheen	
	07/09/04	12.42		96.12	<0.5	<0.5	<0.5	<0.5	<50	28	ND	No LPH or sheen	
	11/19/04	12.70		95.84	<0.5	<0.5	<0.5	<0.5	<50	11	ND	No LPH or sheen	
	02/18/05	8.84	99.70	0.89	1.6	<0.5	0.94	<50	<0.5	ND	No LPH or sheen		
	04/29/05	9.19	99.35	<0.5	<0.5	<0.5	<0.5	<50	1.7	ND	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-9	08/20/98	106.25	11.41	94.84	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/18/98		15.86	90.39	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/15/99		11.72	94.53	<0.5	<0.5	<0.5	<0.5	<50	9.1	NA	No LPH or sheen	
	05/19/99		11.98	94.27	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	09/08/99		15.47	90.78	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/24/99		16.70	89.55	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/15/00		5.85	100.40	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		12.16	94.09	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/13/01		6.01	100.24	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/14/01		10.30	95.95	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/28/01		12.13	94.12	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/26/01		12.50	93.75	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/07/02		108.39	6.05	102.34	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	06/10/02			8.70	99.69	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/26/02	11.50		96.89	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/27/02	17.76		90.63	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/27/03	8.94		99.45	<0.5	<0.5	<0.5	<0.5	<50	0.57	ND	No LPH or sheen	
	05/28/03	9.81		98.58	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/11/03	12.06		96.33	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/20/03	14.98		93.41	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/12/04	6.59		101.80	<0.5	<0.5	<0.5	<0.5	<50	0.73	ND	No LPH or sheen	
	05/01/04	8.36		100.03	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	07/09/04	11.21		97.18	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/19/04	9.42		98.97	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/18/05	6.90	101.49	<0.5	<0.5	<0.5	<0.5	<50	0.98	ND	No LPH or sheen		
	04/29/05	6.78	101.61	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062

Former Beacon Station No. 3700

7898 Old Redwood Highway

Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-10	08/20/98	106.47	12.84	93.63	2.3	1.2	4.5	26	420	<5.0	NA	No LPH or sheen	
	11/18/98		15.73	90.74	3.5	2.2	4.9	33	1100	9.7	NA	No LPH or sheen	
	02/15/99		11.64	94.83	5.4	0.71	12	43	630	<5.0	NA	No LPH or sheen	
	05/19/99		11.80	94.67	<0.5	<0.5	<0.5	0.56	69	<5.0	NA	No LPH or sheen	
	09/08/99		15.26	91.21	1.9	0.69	6.0	26	770	<5.0	NA	No LPH or sheen	
	11/24/99		16.46	90.01	1.2	0.74	3.8	21	1100	<5.0	NA	No LPH or sheen	
	03/15/00		8.22	98.25	<0.5	<0.5	<0.5	0.87	58	<5.0	NA	No LPH or sheen	
	11/27/00		16.95	89.52	<0.5	<0.5	2.8	18	1,000	0.66	NA	No LPH or sheen	
	02/13/01		14.39	92.08	<0.5	<0.5	<0.5	0.71	<50	0.76	NA	No LPH or sheen	
	06/14/01		15.07	91.40	<0.5	<0.5	1.9	11	750	1.0	NA	No LPH or sheen	
	08/28/01	17.31	89.16	1.1	0.68	8.7	54	1,900	2.8	NA	No LPH or sheen		
	11/26/01	Dry	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	03/07/02	108.60	10.71	95.76	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/10/02		13.82	94.78	<0.5	<0.5	<0.5	<1.0	<50	0.52	NA	No LPH or sheen	
	08/26/02		16.81	91.79	<0.5	<0.5	<0.5	1.9	71	0.53	NA	No LPH or sheen	
	11/27/02		18.38	90.22	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	02/27/03		12.40	96.20	<0.5	<0.5	<0.5	1.9	130	0.54	ND	No LPH or sheen	
	05/28/03		11.65	96.95	<0.5	<0.5	<0.5	<0.5	<50	0.91	ND	No LPH or sheen	
	08/11/03		14.43	94.17	<0.5	<0.5	<0.5	<0.5	<50	0.66	ND	No LPH or sheen	
	11/20/03		17.69	90.91	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/12/04		9.44	99.16	<0.5	<0.5	3.10	20	720	1.2	ND	No LPH or sheen	
	05/01/04		11.26	97.34	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	07/09/04		12.86	95.74	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
11/19/04	9.72		98.88	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
02/18/05	9.42	99.18	<0.5	<0.5	1.1	6.2	220	0.66	ND	No LPH or sheen			
04/29/05	8.71	99.89	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
 Former Beacon Station No. 3700
 7898 Old Redwood Highway
 Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-13	08/20/98	106.01	11.01	95.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/18/98		14.29	91.72	<0.5	<0.5	<0.5	<0.5	<50	81	NA	No LPH or sheen	
	02/15/99		9.42	96.59	<0.5	<0.5	<0.5	<0.5	<50	120	NA	No LPH or sheen	
	05/19/99		10.11	95.90	<0.5	<0.5	<0.5	<0.5	<50	72	NA	No LPH or sheen	
	09/08/99		13.46	92.55	<0.5	<0.5	<0.5	<0.5	<50	10	NA	No LPH or sheen	
	11/24/99		14.47	91.54	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	03/15/00		7.70	98.31	<0.5	<0.5	<0.5	<0.5	<50	92	NA	No LPH or sheen	
	11/27/00		14.91	91.10	<0.5	<0.5	<0.5	<0.5	<50	23	NA	No LPH or sheen	
	02/13/01		11.64	94.37	<0.5	<0.5	<0.5	0.71	<50	35	NA	No LPH or sheen	
	06/14/01		12.80	93.21	<0.5	<0.5	<0.5	<0.5	<50	13	NA	No LPH or sheen	
	08/28/01		15.45	90.56	<0.5	<0.5	<0.5	<0.5	510	4.9	NA	No LPH or sheen	
	11/26/01		15.45	90.56	<0.5	<0.5	<0.5	<0.5	<50	3.5	NA	No LPH or sheen	
	03/07/02		108.09	9.15	98.94	<0.5	<0.5	<0.5	<0.5	<50	100	NA	No LPH or sheen
	06/10/02			11.96	96.13	<0.5	<0.5	<0.5	<0.5	<50	11	NA	No LPH or sheen
	08/26/02			15.27	92.82	<0.5	<0.5	<0.5	<0.5	<50	18	NA	No LPH or sheen
	11/27/02			16.80	91.29	<0.5	<0.5	<0.5	<0.5	<50	4.7	ND	No LPH or sheen
	02/27/03			10.20	97.89	<0.5	<0.5	<0.5	<0.5	<50	37	ND	No LPH or sheen
	05/28/03	10.11		97.98	<0.5	<0.5	<0.5	<0.5	<50	7.4	ND	No LPH or sheen	
	08/11/03	12.14		95.95	<0.5	<0.5	<0.5	<0.5	<50	3.1	ND	No LPH or sheen	
	11/20/03	16.09		92.00	<0.5	<0.5	<0.5	<0.5	<50	1.8	ND	No LPH or sheen	
	03/12/04	8.37		99.72	<0.5	<0.5	<0.5	<0.5	<50	10	ND	No LPH or sheen	
	05/01/04	10.28		97.81	<0.5	<0.5	<0.5	<0.5	<50	1.4	ND	No LPH or sheen	
	07/09/04	11.32	96.77	<0.5	<0.5	<0.5	<0.5	<50	1.5	ND	No LPH or sheen		
11/19/04	11.67	96.42	<0.5	<0.5	<0.5	<0.5	<50	1.2	ND	No LPH or sheen			
02/18/05	8.37	99.72	<0.5	<0.5	<0.5	<0.5	<50	0.69	ND	No LPH or sheen			
04/29/05	8.09	100.00	<0.5	<0.5	<0.5	<0.5	<0.5	<50	2.2	ND	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062

Former Beacon Station No. 3700

7898 Old Redwood Highway

Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-14	08/20/98	106.64	13.91	92.73	550	240	73	1,100	6400	7,600	NA	No LPH or sheen
	11/18/98		18.75	87.89	4.7	9.8	7.0	87	660	24	NA	No LPH or sheen
	02/15/99		15.51	91.13	<0.5	<0.5	<0.5	<0.5	75	67	NA	No LPH or sheen
	05/19/99		14.12	92.52	4,500	1,400	960	4,000	34000	13,000	NA	No LPH or sheen
	09/08/99		17.77	88.87	2,400	1,100	670	3,000	28000	4,700	NA	No LPH or sheen
	11/24/99		18.70	87.94	380	100	190	310	4200	2,800	NA	No LPH or sheen
	03/15/00		12.57	94.07	1,900	670	630	2,400	30,000	12,000	NA	No LPH or sheen
	11/27/00		19.53	87.11	1,700	430	350	1,400	16,000	9,900	NA	No LPH or sheen
	02/13/01		16.84	89.80	1,100	330	240	1,000	9,900	10,000	NA	No LPH or sheen
	06/14/01		17.71	88.93	2,500	620	460	1,600	17,000	6,600	NA	No LPH or sheen
	08/28/01	19.90	86.74	2,300	540	510	1,600	17,000	7,800	NA	No LPH or sheen	
	11/26/01	21.23	85.41	1,500	430	330	1,200	13,000	4,600	NA	No LPH or sheen	
	03/07/02	108.31	14.51	93.80	1,700	480	570	1,800	18,000	3,400	NA	No LPH or sheen
	06/10/02		16.86	91.45	1,900	410	450	1,300	13,000	3,300	NA	No LPH or sheen
	08/26/02		19.02	89.28	15	<5.0	<5.0	<5.0	1,400	3,000	NA	No LPH or sheen
	11/27/02		21.51	86.80	680	200	210	860	15,000	4,400	620 ^a	No LPH or sheen
	02/27/03		15.56	92.75	490	70	72	220	4,400	2,700	430 ^a	No LPH or sheen
	05/28/03		15.37	92.94	430	41	52	130	3,600	1,700	400 ^a	No LPH or sheen
	08/11/03		17.50	90.81	25	3.8	2.1	9.6	910	960	250 ^a	No LPH or sheen
	11/20/03		20.21	88.10	32	2.3	<2.0	7.0	1,100	1,400	210 ^a	No LPH or sheen
	03/12/04		13.31	95.00	3,100	660	360	1,400	18,000	3,100	710 ^a	No LPH or sheen
	05/01/04		14.94	93.37	2,400	320	260	870	16,000	3,600	630 ^a	No LPH or sheen
	07/09/04		16.27	92.04	2,300	240	210	760	14,000	2,700	620 ^a	No LPH or sheen
11/19/04	16.44		91.87	1,000	120	81	320	6,200	1,100	900 ^a , 0.94 ^b , 0.61 ^b	No LPH or sheen	
02/18/05	13.09	95.22	1,400	180	120	470	8,100	890	1,100 ^a	No LPH or sheen		
04/29/05	12.30	96.01	1,900	300	160	720	11,000	850	840 ^a	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-15	08/20/98	105.12	13.75	91.37	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/18/98		16.95	88.17	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	02/15/99		13.05	92.07	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	05/19/99		10.68	94.44	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	09/08/99		16.25	88.87	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/24/99		17.48	87.64	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	03/15/00		9.89	95.23	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		17.49	87.63	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	02/13/01		16.71	88.41	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/14/01		14.84	90.28	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	08/28/01		18.31	86.81	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	11/26/01		18.75	86.37	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	03/07/02		107.77	12.00	95.77	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	06/10/02			13.09	94.68	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	08/26/02			16.60	91.17	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	11/27/02			19.10	88.67	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen
	02/27/03			12.96	94.81	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen
	05/28/03	10.55		97.22	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	08/11/03	15.51		92.26	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	11/20/03	18.37		89.40	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	03/12/04	9.55		98.22	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	05/01/04	11.38		96.39	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	07/09/04	13.54	94.23	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		
11/19/04	13.89	93.88	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen			
02/18/05	9.03	98.74	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen			
04/29/05	7.77	100.00	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-16	08/20/98	104.92	12.92	92.00	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/18/98		16.93	87.99	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/15/99		11.31	93.61	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	05/19/99		9.59	95.33	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	09/08/99		15.11	89.81	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/24/99		16.16	88.76	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/15/00		8.81	96.11	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		15.04	89.88	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/13/01		14.20	90.72	<0.5	<0.5	<0.5	<0.5	<50	0.56	NA	No LPH or sheen	
	06/14/01		15.21	89.71	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/28/01	17.40	87.52	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/26/01	18.31	86.61	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/07/02	107.61	9.63	97.98	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	06/10/02		12.06	95.55	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/26/02		15.30	92.31	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/27/02		16.98	90.63	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	02/27/03		11.12	96.49	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	05/28/03		10.12	97.49	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/11/03		15.05	92.56	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/20/03		16.75	90.86	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	03/12/04		8.54	99.07	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	05/01/04		10.18	97.43	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	07/09/04		12.51	95.10	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
11/19/04	13.28		94.33	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
02/18/05	8.14	99.47	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen			
04/29/05	6.97	100.64	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-17	08/20/98	103.01	12.96	90.05	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/18/98		16.91	86.10	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	02/15/99		12.19	90.82	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	05/19/99		11.24	91.77	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	09/08/99		15.65	87.36	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/24/99		16.61	86.40	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	03/15/00		9.06	93.95	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		16.82	86.19	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	02/13/01		14.85	88.16	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/14/01		14.60	88.41	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	08/28/01		17.56	85.45	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	11/26/01		18.40	84.61	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	03/07/02		105.66	9.84	95.82	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	06/10/02		12.27	93.39	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	08/26/02		15.56	90.10	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	11/27/02		19.23	86.43	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen
	02/27/03		13.20	92.46	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen
	05/28/03	11.39	94.27	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	08/11/03	14.60	91.06	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	11/20/03	15.95	89.71	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	03/12/04	8.01	97.65	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	05/01/04	9.89	95.77	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
	07/09/04	12.00	93.66	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen	
11/19/04	12.51	93.15	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		
02/18/05	7.31	98.35	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		
04/29/05	6.77	98.89	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<0.5	ND	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062

Former Beacon Station No. 3700

7898 Old Redwood Highway

Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-18	08/20/98	108.35	15.11	93.24	<0.5	<0.5	<0.5	<0.5	250	<5.0	NA	No LPH or sheen
	11/18/98		18.44	89.91	<0.5	<0.5	<0.5	<0.5	<50	110	NA	No LPH or sheen
	02/15/99		12.96	95.39	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	05/19/99		13.57	94.78	<0.5	<0.5	<0.5	<0.5	<50	1,000	NA	No LPH or sheen
	09/08/99		17.74	90.61	<0.5	<0.5	<0.5	<0.5	<50	1,100	NA	No LPH or sheen
	11/24/99		18.40	89.95	<0.5	<0.5	<0.5	<0.5	2000	2,600	NA	No LPH or sheen
	03/15/00		11.15	97.20	<2.0	<2.0	<2.0	<2.0	<200	2,900	NA	No LPH or sheen
	11/27/00		18.42	89.93	<1.0	<1.0	<1.0	<1.0	<100	2,500	NA	No LPH or sheen
	02/13/01		14.89	93.46	<1.0	<1.0	<1.0	<1.0	<100	3,400	NA	No LPH or sheen
	06/14/01		16.51	91.84	<2.0	<2.0	<2.0	<2.0	<200	780	NA	No LPH or sheen
	08/28/01		19.65	88.70	<0.5	<0.5	<0.5	<0.5	<50	340	NA	No LPH or sheen
	11/26/01		20.09	88.26	<2.5	<2.5	<2.5	<2.5	<250	1,400	NA	No LPH or sheen
	03/07/02	113.98	12.65	101.33	<0.5	<0.5	<0.5	<0.5	<50	1,300	NA	No LPH or sheen
	06/10/02		15.27	98.71	<2.5	<2.5	<2.5	<2.5	<250	1,400	NA	No LPH or sheen
	08/26/02		18.31	95.67	<2.0	<2.0	<2.0	<2.0	<200	1,000	NA	No LPH or sheen
	11/27/02		21.13	92.85	<5.0	<5.0	<5.0	<5.0	<500	1,600	55 ^a	No LPH or sheen
	02/27/03		13.45	100.53	<2.0	<2.0	<2.0	<2.0	<200	690	27 ^a	No LPH or sheen
	05/28/03		13.81	100.17	<5.0	<5.0	<5.0	<5.0	<500	1,900	ND	No LPH or sheen
	08/11/03		17.02	96.96	<2.5	<2.5	<2.5	<2.5	<250	1,200	ND	No LPH or sheen
	11/20/03		19.11	94.87	<5.0	<5.0	<5.0	<5.0	<500	2,400	ND	No LPH or sheen
	03/12/04		11.64	102.34	<2.0	<2.0	<2.0	<2.0	<200	990	ND	No LPH or sheen
	05/01/04		13.72	100.26	<1.5	<1.5	<1.5	<1.5	<200	910	ND	No LPH or sheen
	07/09/04		15.44	98.54	<2.0	<2.0	<2.0	<2.0	<200	800	ND	No LPH or sheen
11/19/04	15.47	98.51	<0.5	<0.5	<0.5	<0.5	<50	1,200	0.54 ^c	No LPH or sheen		
02/18/05	11.46	102.52	<0.5	3.9	<0.5	<0.5	<50	350	ND	No LPH or sheen		
04/29/05	11.36	102.62	<2.5	<2.5	<2.5	<2.5	<250	1,100	ND	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
MW-19	08/20/98	106.43	11.74	94.69	NA	NA	NA	NA	NA	NA	NA	Laboratory error
	11/18/98		14.64	91.79	<50	<50	<50	<50	<5,000	26,000	NA	No LPH or sheen
	02/15/99		10.94	95.49	<0.5	<0.5	<0.5	<0.5	<50	360	NA	No LPH or sheen
	05/19/99		10.79	95.64	<0.5	<0.5	<0.5	<0.5	<50	9,300	NA	No LPH or sheen
	09/08/99		17.20	89.23	<0.5	<0.5	<0.5	<0.5	<50	3,100	NA	No LPH or sheen
	11/24/99		14.84	91.59	<10	<10	<10	<10	2,800	4,100	NA	No LPH or sheen
	03/15/00		8.40	98.03	<50	<50	<50	<50	<5,000	48,000	NA	No LPH or sheen
	11/27/00		15.65	90.78	<2.0	<2.0	<2.0	<2.0	<200	1,800	NA	Laboratory error
	02/13/01		12.24	94.19	<1.0	<1.0	<1.0	<1.0	<100	450	NA	Laboratory error
	06/14/01		13.07	93.36	<0.5	<0.5	<0.5	<0.5	<50	220	NA	No LPH or sheen
	08/28/01		15.90	90.53	<0.5	<0.5	<0.5	<0.5	<50	160	NA	No LPH or sheen
	11/26/01		16.01	90.42	<1.0	<1.0	<1.0	<1.0	<100	480	NA	No LPH or sheen
	03/07/02	108.49	9.39	99.10	<10	<10	<10	<10	<1,000	3,500	NA	No LPH or sheen
	06/10/02		12.55	95.94	<1.0	<1.0	<1.0	<1.0	<100	490	NA	No LPH or sheen
	08/26/02		16.11	92.38	<0.5	<0.5	<0.5	<0.5	<50	240	NA	No LPH or sheen
	11/27/02		17.50	90.99	<0.5	<0.5	<0.5	<0.5	<50	360	ND	No LPH or sheen
	02/27/03		10.54	97.95	<0.5	<0.5	<0.5	<0.5	<50	99	ND	No LPH or sheen
	05/28/03		11.35	97.14	<0.5	<0.5	<0.5	<0.5	<50	65	ND	No LPH or sheen
	08/11/03		13.46	95.03	<0.5	<0.5	<0.5	<0.5	<50	77	ND	No LPH or sheen
	11/20/03		16.52	91.97	<0.5	<0.5	<0.5	<0.5	<50	77	ND	No LPH or sheen
	03/12/04		8.87	99.62	<0.5	<0.5	<0.5	<0.5	<50	250	11 [†]	No LPH or sheen
	05/01/04		10.77	92.72	<0.5	<0.5	<0.5	<0.5	<50	92	ND	No LPH or sheen
	07/09/04		11.98	96.51	<0.5	<0.5	<0.5	<0.5	<50	210	ND	No LPH or sheen
11/19/04		12.62	95.87	<0.5	<0.5	<0.5	<0.5	<50	78	ND	No LPH or sheen	
02/18/05		9.41	99.08	<0.5	<0.5	<0.5	<0.5	<50	170	ND	No LPH or sheen	
04/29/05		9.40	99.09	<0.5	<0.5	<0.5	<0.5	<50	1,000	560 [‡]	No LPH or sheen	

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
MW-20	08/20/98	105.91	11.69	94.22	<0.5	<0.5	<0.5	<0.5	250	<5.0	NA	No LPH or sheen	
	11/18/98		14.64	91.27	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	02/15/99		10.31	95.60	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	05/19/99		10.06	95.85	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	09/08/99		13.93	91.98	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/24/99		15.09	90.82	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	03/15/00		8.01	97.90	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		15.80	90.11	<0.5	<0.5	<0.5	<0.5	<50	1.6	NA	No LPH or sheen	
	02/13/01		12.93	92.98	<0.5	<0.5	<0.5	<0.5	<50	1.8	NA	No LPH or sheen	
	06/14/01		13.71	92.20	<0.5	<0.5	<0.5	<0.5	<50	1.1	NA	No LPH or sheen	
	08/28/01		16.08	89.83	<0.5	<0.5	<0.5	<0.5	<50	2.3	NA	No LPH or sheen	
	11/26/01		16.52	89.39	<0.5	<0.5	<0.5	<0.5	<50	1.6	NA	No LPH or sheen	
	03/07/02		108.01	9.85	98.16	<0.5	<0.5	<0.5	<0.5	<50	1.0	NA	No LPH or sheen
	06/10/02			12.52	95.49	<0.5	<0.5	<0.5	<0.5	<50	1.8	NA	No LPH or sheen
	08/26/02			15.75	92.26	<0.5	<0.5	<0.5	<0.5	<50	1.3	NA	No LPH or sheen
	11/27/02			17.24	90.77	<0.5	<0.5	<0.5	<0.5	<50	1.2	ND	No LPH or sheen
	02/27/03			10.85	97.16	<0.5	<0.5	<0.5	<0.5	<50	1.2	ND	No LPH or sheen
	05/28/03	10.43		97.58	<0.5	<0.5	<0.5	<0.5	<50	1.6	ND	No LPH or sheen	
	08/11/03	12.94		95.07	<0.5	<0.5	<0.5	<0.5	<50	1.4	ND	No LPH or sheen	
	11/20/03	16.58		91.43	<0.5	<0.5	<0.5	<0.5	<50	1.1	ND	No LPH or sheen	
	03/12/04	8.35	99.66	<0.5	<0.5	1.6	1.1	170	1.4	ND	No LPH or sheen		
	05/01/04	10.36	97.65	<0.5	<0.5	<0.5	1.4	1.0	150	1.5	ND	No LPH or sheen	
	07/09/04	11.66	96.35	<0.5	<0.5	<0.5	1.3	0.62	150	1.2	ND	No LPH or sheen	
	11/19/04	12.03	95.98	<0.5	<0.5	<0.5	0.53	<0.5	78	1.2	ND	No LPH or sheen	
	02/18/05	8.30	99.71	<0.5	<0.5	<0.5	<0.5	<0.5	<50	0.95	ND	No LPH or sheen	
04/29/05	7.74	100.27	<0.5	<0.5	<0.5	<0.5	<0.5	80	1.0	ND	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments	
RW-1	08/20/98	105.17	13.43	91.74	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/18/98		16.68	88.49	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/15/99		13.17	92.00	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	05/19/99		12.89	92.28	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	09/08/99		16.01	89.16	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/24/99		17.14	88.03	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/15/00		8.81	96.36	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen	
	11/27/00		17.21	87.96	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	02/13/01		16.20	88.97	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen	
	06/14/01		17.17	88.00	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/28/01		19.51	85.66	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/26/01		19.92	85.25	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/07/02		107.35	11.03	96.32	<0.5	<0.5	<0.5	<0.5	<50	<0.5	NA	No LPH or sheen
	06/10/02			13.98	93.37	NS	NS	NS	NS	NS	NS	NS	Not sampled
	08/26/02			16.90	90.45	NS	NS	NS	NS	NS	NS	NS	Not sampled
	11/27/02			18.42	88.93	NS	NS	NS	NS	NS	NS	NS	Not sampled
	02/27/03			12.50	94.85	<0.5	<0.5	<0.5	<0.5	<50	<0.5	3.8 ^b	No LPH or sheen
	05/28/03	12.10		95.25	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	08/11/03	14.21		93.14	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	11/20/03	17.80		89.55	NS	NS	NS	NS	NS	NS	NS	Not sampled	
	03/12/04	8.82		98.53	<0.5	<0.5	<0.5	<0.5	<50	<0.5	7.9 ^b	No LPH or sheen	
	05/01/04	10.70		96.65	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled
	07/09/04	13.05	94.30	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled	
11/19/04	13.62	93.72	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled		
02/18/05	8.45	98.90	<0.5	<0.5	<0.5	<0.5	<50	<0.5	8.6 ^b	No LPH or sheen			
04/29/05	7.25	100.10	NS	NS	NS	NS	NS	NS	NS	NS	Not sampled		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
RW-2	08/20/98	105.22	14.34	90.88	47	3.5	12	27	310	480	NA	No LPH or sheen
	11/18/98		65.31	39.91	660	77	210	860	4900	1,100	NA	No LPH or sheen
	02/15/99		65.51	39.71	<0.5	<0.5	<0.5	0.65	<50	510	NA	No LPH or sheen
	05/19/99		12.55	92.67	200	10	2.9	130	2900	4,500	NA	No LPH or sheen
	09/08/99		25.41	79.81	680	70	24	460	3100	980	NA	No LPH or sheen
	11/24/99		25.45	79.77	660	27	12	220	3500	1,000	NA	No LPH or sheen
	03/15/00		23.84	81.38	120	45	12	360	3,500	890	NA	No LPH or sheen
	11/27/00		30.56	74.66	3.6	<1.0	<1.0	2.3	<100	640	NA	No LPH or sheen
	02/13/01		30.68	74.54	<2.0	<2.0	<2.0	2.6	<200	510	NA	No LPH or sheen
	06/14/01		33.60	71.62	19	0.73	<0.5	3.7	61	220	NA	No LPH or sheen
	08/28/01	34.70	70.52	15	0.5	<0.5	1.7	<50	240	NA	No LPH or sheen	
	11/26/01	34.10	71.12	12	<1.0	<1.0	<1.0	<100	320	NA	No LPH or sheen	
	03/07/02	107.81	35.10	72.71	22	<1.0	1.3	2.6	130	560	NA	No LPH or sheen
	06/10/02		23.90	83.91	91	9.9	<1.0	160	760	330	NA	No LPH or sheen
	08/26/02		15.10	92.71	<20	<20	<20	<20	<2,000	12,000	NA	No LPH or sheen
	11/27/02		35.10	72.71	14	<2.0	<2.0	<2.0	<200	730	67 [†]	No LPH or sheen
	02/27/03		29.90	77.91	<1.5	<1.5	<1.5	47	380	610	69 [†]	No LPH or sheen
	05/28/03		26.10	81.71	270	16	7.9	110	2,000	510	92 [†]	No LPH or sheen
	08/11/03		30.31	77.50	3.3	<1.0	<1.0	4.4	<100	340	33 [†]	No LPH or sheen
	11/20/03		27.30	80.51	1.5	<0.5	<0.5	<0.5	<50	330	17 [†]	No LPH or sheen
03/12/04	15.59		92.22	58	2.8	<0.5	17	400	380	46 [†]	No LPH or sheen	
05/01/04	14.30		93.51	<0.5	<0.5	<0.5	<0.5	<50	320	49 [†]	No LPH or sheen	
07/09/04	20.44	87.37	83	3.3	1.1	28	410	400	42 [†]	No LPH or sheen		
11/19/04	15.67	92.14	<0.5	<0.5	<0.5	<0.5	<50	180	8.2 [†]	No LPH or sheen		
02/18/05	10.23	97.58	<0.5	<0.5	<0.5	<0.5	<50	24	ND	No LPH or sheen		
04/29/05	9.08	98.73	<0.5	<0.5	<0.5	<0.5	<50	150	18 [†]	No LPH or sheen		

TABLE 1

GROUND WATER MONITORING DATA

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

Monitoring Well	Date Measured	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenates (µg/L)	Comments
RW-3A	08/20/98	105.72	11.68	94.04	<50	<50	<50	<50	<5,000	17,000	NA	No LPH or sheen
	11/18/98		38.01	67.71	220	120	240	1,100	7400	22,000	NA	No LPH or sheen
	02/15/99		37.80	67.92	80	<25	<25	280	<2,500	30,000	NA	No LPH or sheen
	05/19/99		39.35	66.37	<5.0	<5.0	<5.0	<5.0	<500	30,000	NA	No LPH or sheen
	09/08/99		31.40	74.32	380	31	150	810	5300	39,000	NA	No LPH or sheen
	11/24/99		24.55	81.17	280	14	110	450	18000	24,000	NA	No LPH or sheen
	03/15/00		21.80	83.92	140	30	99	890	6,700	17,000	NA	No LPH or sheen
	11/27/00		29.80	75.92	83	<50	<50	<50	<5,000	23,000	NA	No LPH or sheen
	02/13/01		31.06	74.66	71	<20	32	200	<2,000	16,000	NA	No LPH or sheen
	06/14/01		26.90	78.82	79	<25	42	150	<5,000	12,000	NA	No LPH or sheen
	08/28/01		28.71	77.01	150	<25	73	110	<5,000	18,000	NA	No LPH or sheen
	11/26/01		35.60	70.12	39	<25	<25	<25	<5,000	12,000	NA	No LPH or sheen
	03/07/02	108.68	33.91	74.77	87	<50	<50	84	<5,000	28,000	NA	No LPH or sheen
	06/10/02		33.10	75.58	110	<50	<50	88	<5,000	16,000	NA	No LPH or sheen
	08/26/02		31.06	77.62	34	<25	<25	<25	<2,500	17,000	NA	No LPH or sheen
	11/27/02		34.10	74.58	<50	<50	<50	<50	<5,000	20,000	2,800 ^a	No LPH or sheen
	02/27/03		35.36	73.32	100	<25	30	72	<2,500	9,800	2,300 ^a	No LPH or sheen
	05/28/03		36.10	72.58	110	<20	26	35	2,100	7,100	2,200 ^a	No LPH or sheen
	08/11/03		34.60	74.08	35	<10	<10	16	1,200	4,300	3,200 ^a	No LPH or sheen
	11/20/03		35.93	72.75	20	<5.0	<5.0	<5.0	700	3,200	3,400 ^a	No LPH or sheen
03/12/04		21.56	87.12	40	3.5	7.0	43	920	2,800	2,600 ^a , 1.4 ^c	No LPH or sheen	
05/01/04		23.46	85.22	40	<5.0	<5.0	20	650	2,300	3,100 ^a	No LPH or sheen	
07/09/04		25.13	83.55	38	<5.0	<5.0	13	760	1,300	3,200 ^a	No LPH or sheen	
11/19/04		35.14	73.54	18	0.91	1.7	5.4	630	390	2,900 ^a	No LPH or sheen	
02/18/05		22.34	86.34	74	4.3	9.7	32	1,100	410	2,500 ^a	No LPH or sheen	
04/29/05			27.51	81.17	60	3.8	8.3	26	1,300	440	1900 ^a	No LPH or sheen

Reference Elevation = Reference elevation mean sea level.

TPH = Total petroleum hydrocarbons.

MTBE = Methyl tertiary butyl ether.

LPH = Liquid-phase petroleum hydrocarbons.

µg/L = Micrograms per liter.

NA = Not analyzed.

NS = Not sampled.

a = tert-butanol

b = diisopropyl ether

c = Tert-amyl methyl ether

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Redwood Highway
Cotati, California

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)								
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg ^a	MTBE ^b	Copper	Lead	Zinc
10/5/2000	1,681,191	0	Influent	140	<20	44	210	<2,000	NA	NA	NA	NA
			Effluent	3.5	0.52	<0.5	1.7	<50	NA	<20	<5.0	63
10/16/2000	1,684,990	3,799	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/4/2000	1,689,910	4,920	Influent	14	<10	<10	12	<1,000	NA	NA	NA	NA
			Effluent	<1.0	<1.0	<1.0	<1.0	<100	NA	<20	<5.0	<50
11/16/2000	1,694,820	4,910	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/5/2000	1,703,710	8,890	Influent	60	<10	13	100	1,500	NA	NA	NA	NA
			Effluent	0.77	<0.5	<0.5	0.77	<50	NA	<20	<5.0	<50
12/19/2000	1,709,840	6,130	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1/4/2001	1,717,660	7,820	Influent	45	11	<10	37	<1,000	NA	NA	NA	NA
			Effluent	<1.0	<1.0	<1.0	<1.0	<100	NA	<20	<5.0	<50
1/29/2001	1,730,800	13,140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2/8/2001	1,737,700	6,900	Influent	73	<10	25	140	1,800	NA	NA	NA	NA
			Effluent	<1.0	<1.0	<1.0	<2.0	<100	NA	<20	<5.0	<50
2/21/2001	1,747,270	9,570	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3/6/2001	1,760,200	12,930	Influent	25	<10	<10	100	2,100	NA	NA	NA	NA
			Effluent	1.2	<1.0	<1.0	3.9	<100	NA	<20	<5.0	27
3/17/2001	1,772,190	11,990	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4/7/2001	1,790,740	18,550	Influent	26	<1.0	1.9	14	190	NA	NA	NA	NA
			Effluent	<1.0	<1.0	<1.0	<1.0	<100	NA	<20	<5.0	<50
4/18/2001	1,798,540	7,800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5/13/2001	1,815,100	16,560	Influent	<2.0	<2.0	<2.0	4.7	<200	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	<50
5/22/2001	1,820,750	5,650	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
 Ground Water System Performance Data Sheet
 Tesoro Station No. 67062
 Former Beacon Station No. 3700
 7898 Redwood Highway
 Cotati, California

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)								
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg ^a	MTBE ^b	Copper	Lead	Zinc
6/4/2001	1,828,240	7,490	Influent	50	<20	<20	52	<2,000	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	<50
6/15/2001	1,834,470	6,230	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/2/2001	1,843,090	8,620	Influent	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	250
7/22/2001	1,851,450	8,360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
8/10/2001	1,858,200	6,750	Influent	11	<0.5	<0.5	7.2	<500	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	34	<5.0	<50
8/24/2001	1,862,940	4,740	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9/1/2001	1,865,600	2,660	Influent	12	0.79	0.86	2.6	180	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	70
9/29/2001	1,874,280	8,680	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/5/2001	1,875,950	1,670	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/24/2001	1,880,160	4,210	Influent	<2.0	<2.0	<2.0	<2.0	<200	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	<50
11/1/2001	1,881,160	1,000	Influent	13	<2.5	4.9	4	<250	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	<20
11/16/2001	1,882,110	950	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/15/2001	1,883,160	1,050	Influent	26	<10	<10	58	<1,000	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	<20
12/26/2001	1,886,480	3,320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/08/02	1,898,690	12,210	Influent	20	<5.0	<5.0	38	840	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	<50
01/24/02	1,916,130	17,440	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/11/02	1,929,910	13,780	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Redwood Highway
Cotati, California

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)								
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg ^a	MTBE ^b	Copper	Lead	Zinc
02/17/02	1,934,440	4,530	Influent	<20	<20	<20	<20	<2,000	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<50	<50	NA	<20	<5.0	<50
03/03/02	1,942,660	8,220	Influent	<25	<25	<25	<25	<2,500	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<20	<5.0	<20
03/15/02	1,948,210	5,550	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/05/02	1,963,310	15,100	Influent	<20	<20	<20	<20	<2,000	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	NR	NR	NR
04/19/02	1,967,670	4,360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/03/02	1,969,670	2,000	Influent	<1.0	<1.0	<1.0	<1.0	<100	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	32.8	<10	37.2
05/31/02	1,981,370	11,700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/13/02	1,991,860	10,490	Influent	96	<5.0	<5.0	78	770	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	10.3	<5.0	27.1
06/27/02	1,992,987	1,127	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/01/02	1,996,480	3,493	Influent	<5.0	<5.0	<5.0	<5.0	<500	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	<5.0	<5.0	18.1
07/24/02	2,000,840	4,360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
08/12/02	2,001,070	230	Influent	13	<10	<10	12	<1,000	16,000	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<10	10.6
08/26/02	2,001,070	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/13/02	2,001,070	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/30/02	2,001,265	195	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/14/02	2,003,260	1,995	Influent	<20	<20	<20	<20	<2,000	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	NA	9.53	<10	69.7
10/30/02	2,006,340	3,080	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
 Ground Water System Performance Data Sheet
 Tesoro Station No. 67062
 Former Beacon Station No. 3700
 7898 Redwood Highway
 Cotati, California

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)										
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg ^a	MTBE ^b	Copper	Lead	Zinc		
11/17/02	2,010,780	4,440	Influent	<10	<10	<10	<10	<1,000	5,500	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	4.1	<5.0	<10	<10	<10	32.1
11/25/02	2,012,700	1,920	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/05/02	2,013,480	780	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/26/02	2,021,480	8,000	Influent	65	<25	<25	51	<2,500	11,000	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	2.4	<5.0	<10	<10	<10	21.8
01/20/03	2,045,230	23,750	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/31/03	2,057,600	12,370	Influent	53	4.9	20	70	1,500	6,600	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.98	<5.0	<10	<10	<10	<10
02/11/03	2,069,230	11,630	Influent	47	<10	15	40	<1,000	5,300	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<10	<10	<10	<10
02/22/03	2,081,120	11,890	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/01/03	2,088,990	7,870	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/30/03	2,119,590	30,600	Influent	95	<10	18	55	<1,000	4,900	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	9.9	<5.0	<10	<10	<10	<10
04/16/03	2,132,040	12,450	Influent	120	<20	<20	58	<2,000	5,000	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	7.4	<5.0	<10	<10	<10	20.6
04/28/03	2,132,940	900	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/17/03	2,132,940	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/28/03	2,132,940	0	Influent	<0.5	<0.5	<0.5	52	1,000	2,900	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	2.9	6.08	<10	<10	<10	43.8
06/01/03	0	0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/10/03	11,180	11,180	Influent	170	7.4	13	48	780	730	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	86	3.7	<5.0	<10	<10	<10	55.8

Table 2
 Ground Water System Performance Data Sheet
 Tesoro Station No. 67062
 Former Beacon Station No. 3700
 7898 Redwood Highway
 Cotati, California

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)											
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg ^a	MTBE ^b	Copper	Lead	Zinc			
06/24/03	22,940	11,760	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/11/03	41,750	18,810	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/18/03	47,810	6,060	Influent	25	<10	<10	<10	<1,000	3,800	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	2.0	<5.0	<10	<10	<10	71.6	
08/01/03	58,510	58,510	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
08/17/03	69,080	10,570	Influent	3.8	<0.5	<0.5	0.93	<50	360	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	2.8	<5.0	<10	<10	<10	20	
09/06/03	77,732	8,652	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/19/03	87,640	9,908	Influent	1.7	<0.5	<0.5	1.5	240	3,600	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	4.2	<5.0	<10	<10	<10	21.5	
10/18/03	100,420	12,780	Influent	5.3	<5.0	<5.0	<5.0	<500	2,400	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	2.6	7.78	<10	<10	<10	34.2	
10/25/03	103,030	2,610	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/16/03	104,830	1,800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/30/03	105,440	610	Influent	28	<2.5	<2.5	<2.5	390	1,900	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<10	<10	<10	39.2	
12/09/03	105,480	40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/19/03	109,610	4,130	Influent	31	<5.0	<5.0	10	<500	1,800	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	1.8	5.68	<10	<10	<10	<10	
01/21/04	134,700	25,090	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/30/04	142,060	7,360	Influent	28	<5.0	<5.0	20	720	2,300	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	0.93	<5.0	<10	<10	<10	14.9	
02/10/04	150,590	8,530	Influent	6.4	<1.0	<1.0	2.1	100	510	NA	NA	NA	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	13	<5.0	<10	<10	<10	42.4	
02/18/04	151,450	860	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/12/04	162,720	11,270	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

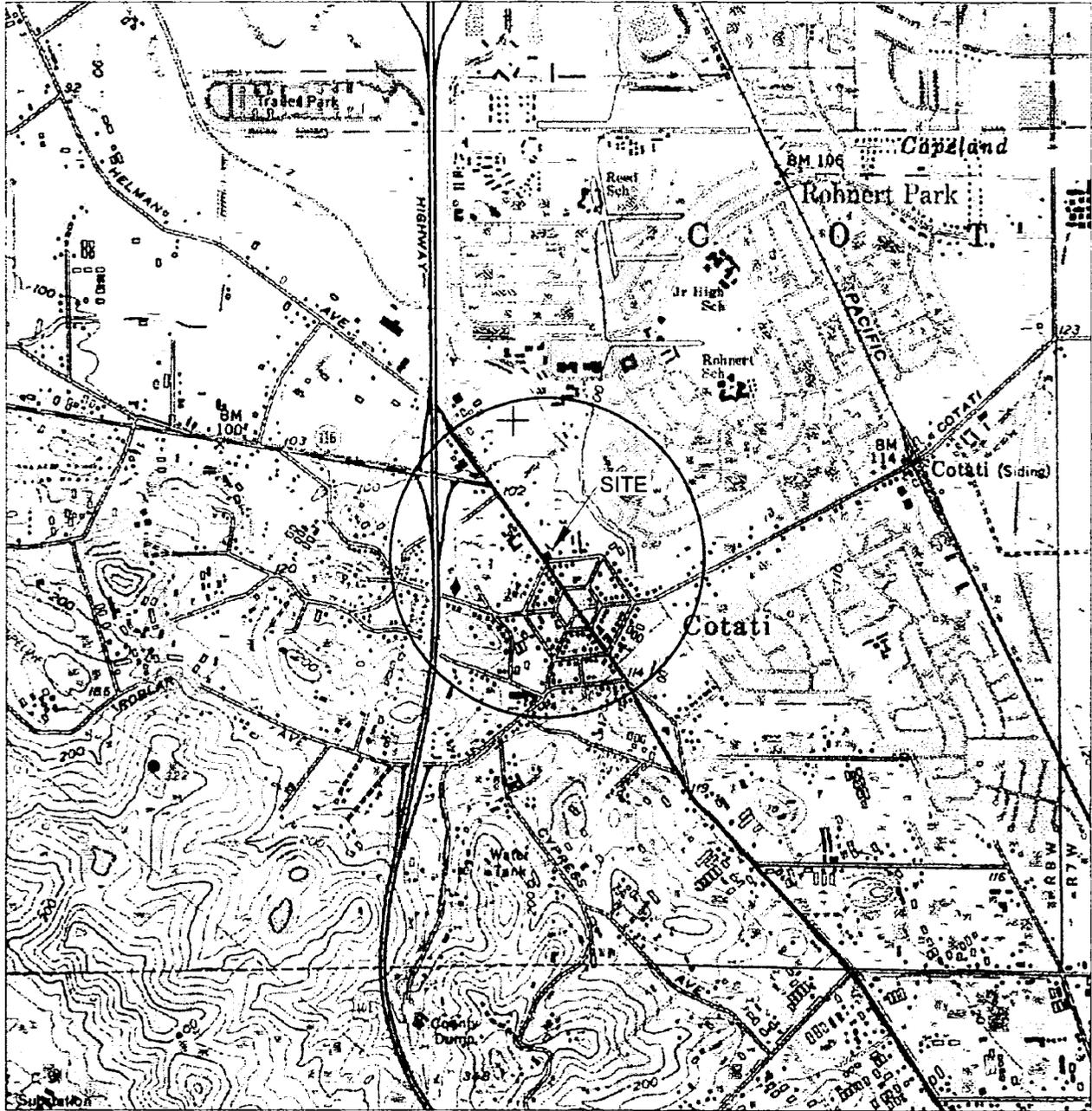
Table 2
Ground Water System Performance Data Sheet
Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Redwood Highway
Cotati, California

Site Visit (Date)	Totalizer	Change In Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)								
				Benzene	Toluene	Ethyl - Benzene	Total Xylenes	TPHg ^a	MTBE ^b	Copper	Lead	Zinc
03/25/04	173,868	23,278	Influent	15	<5.0	<5.0	15	630	1,800	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	1.5	5.7	<10	142
03/25/04	173,868	22,418	Influent	15	<5.0	<5.0	15	630	1,800	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	1.5	5.7	<10	142
04/21/04	188,333	14,465	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/29/04	191,520	3,187	Influent	25	<5.0	<5.0	19	1,000	2,200	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<10	214
05/10/04	197,427	5,907	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/25/04	202,441	5,014	Influent	16	<1.5	<1.5	3.3	480	360	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<10	126
06/14/04	213,108	10,667	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/22/04	217,726	4,618	Influent	22	<2.0	<2.0	7.7	630	1,200	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<10	37
07/01/04	222,469	4,743	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
07/28/04	231,777	9,308	Influent	5.5	<0.5	0.64	1.9	410	71	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	8.96	<10	321
08/04/04	234,314	2,537	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
08/30/04	234,510	196	Influent	12	<1.5	<1.5	2.2	320	780	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<10	31.6
09/11/04	234,990	480	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/20/04	236,353	1,363	Influent	4.9	<1.5	<1.5	4.2	400	720	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	28.10	15.1	5,270
10/13/04	236,360	7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/28/04	236,360	0	Influent	11	<1.5	<1.5	5.9	490	570	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	7.70	<10	1,650
11/11/04	237,224	864	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/22/04	237,530	306	Influent	9.0	<0.9	1.6	5.5	600	450	NA	NA	NA
			Effluent	<0.5	<0.5	<0.5	<0.5	<50	<0.5	6.72	<10	624

Table 2
 Ground Water System Performance Data Sheet
 Tesoro Station No. 67062
 Former Beacon Station No. 3700
 7898 Redwood Highway
 Colati, California

Site Visit (Date)	Totalizer	Change in Totalizer	Sample ID	Concentrations in Micrograms per liter (µg/L)												
				Benzene	Toluene	Ethyl-Benzene	Total Xylenes	TPHg ^a	MTBE ^b	Copper	Lead	Zinc				
12/07/04	237,808	278	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/26/04	245,700	7,892	Influent Effluent	28 <0.5	1.6 <0.5	3.4 <0.5	7.9 <0.5	790 <50	440 <0.5	NA <5.0	NA <10	NA <10	NA <10	NA <10	NA <10	NA 94.9
01/10/05	250,150	4,450	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
01/27/05	255,170	5,020	Influent Effluent	20 <0.5	1.6 <0.5	2.8 <0.5	30 <0.5	820 <50	430 <0.5	NA <5.0	NA <10	NA <10	NA <10	NA <10	NA <10	NA 25.9
02/16/05	255,770	600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
02/27/05	260,010	4,240	Influent Effluent	56 <0.5	3.8 <0.5	7.2 <0.5	23 <0.5	980 <50	440 <0.5	NA <5.0	NA <10	NA <10	NA <10	NA <10	NA <10	NA 34.8
03/07/05	267,468	7,458	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/24/05	278,100	10,632	Influent Effluent	45 <0.5	2.9 <0.5	4.8 <0.5	30 <0.5	1,300 <50	370 0.9	NA <5.0	NA <10	NA <10	NA <10	NA <10	NA <10	NA <10
04/08/05	282,320	4,220	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
04/25/05	286,190	3,870	Influent Effluent	38 <0.5	2.6 <0.5	3.6 <0.5	19 <0.5	1,100 <50	430 1.8	NA 10.40	NA <10	NA <10	NA <10	NA <10	NA <10	NA 31.7
05/03/05	286,880	690	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/12/05	286,880	0	Influent Effluent	54 <0.5	3.4 <0.5	9.1 <0.5	21 <0.5	1,200 <50	320 1.7	NA <5.0	NA <10	NA <10	NA <10	NA <10	NA <10	NA <10
06/01/05	286,885	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/28/05	287,240	355	Influent Effluent	16 <0.5	1.1 <0.5	1.8 <0.5	8.8 <0.5	990 <50	310 1.6	NA <5.0	NA <10	NA <10	NA <10	NA <10	NA <10	NA 41.8
Total =		2,420,180														

Notes:
 a) Total Petroleum Hydrocarbons as gasoline
 b) Methyl-t-butyl ether
 NS = Not Sampled
 NA = Not Analyzed
 NR = Not Reported



R.8 E.

GENERAL NOTES:
 BASE MAP FROM U.S.G.S.
 COTATI, CA.
 7.5 MINUTE TOPOGRAPHIC
 PHOTOREVISED 1980



QUADRANGLE LOCATION

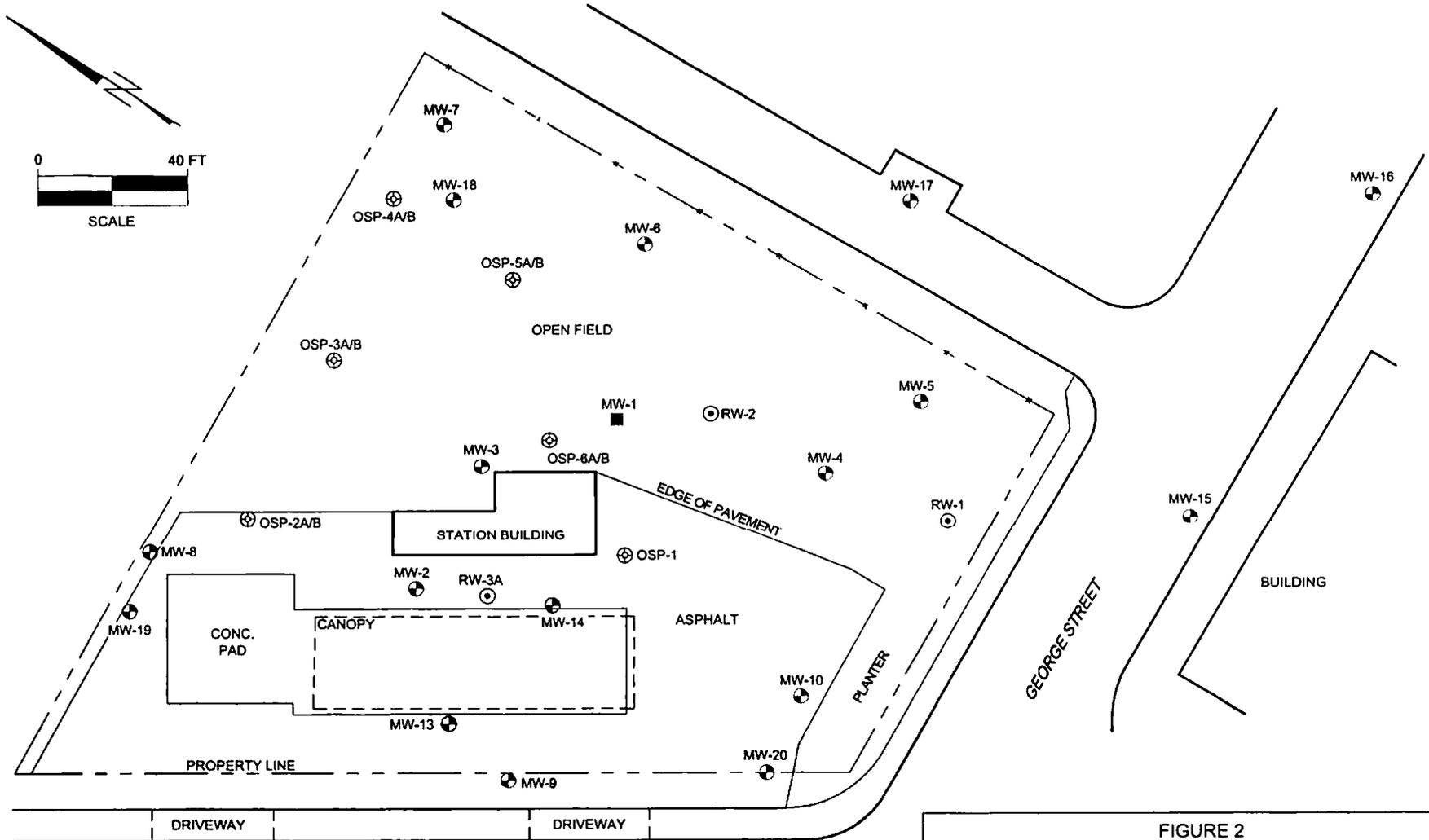
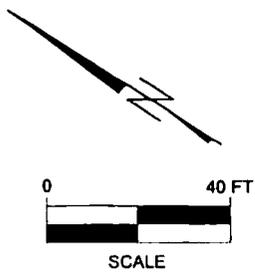


FIGURE 1
 SITE LOCATION MAP
 TESORO STATION NO. 67062
 (FORMER BEACON STATION NO. 3700)
 7898 OLD REDWOOD HIGHWAY
 COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 1/3/02
FILE NO. 00-3700-001	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY



Environmental

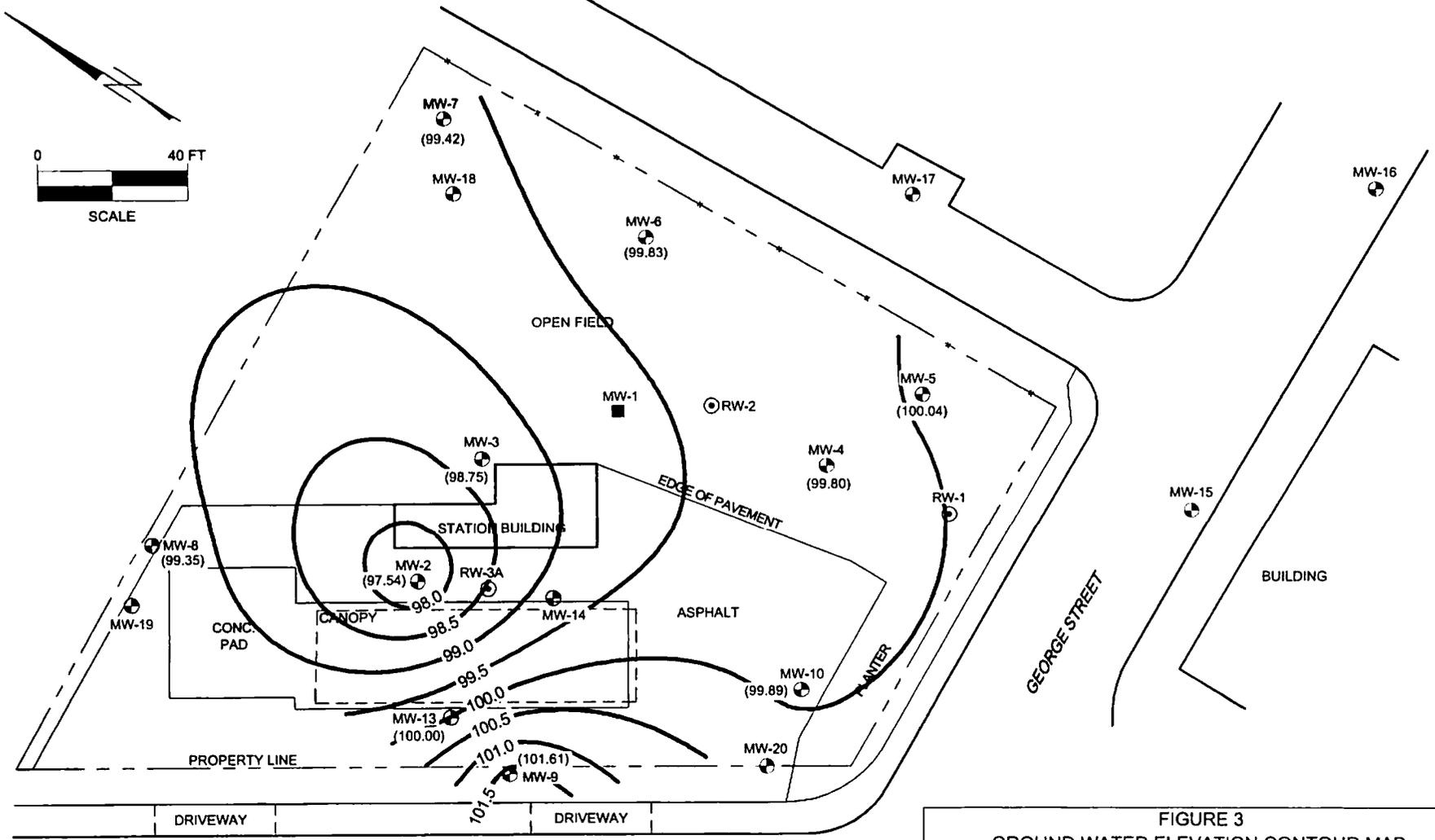
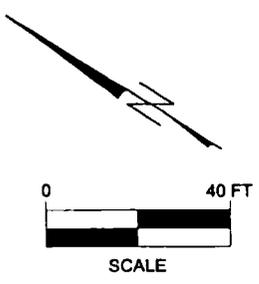


- LEGEND:
- *—*— FENCE
 - MW-1 DESTROYED MONITORING WELL
 - ⊕ MW-2 MONITORING WELL LOCATION
 - ⊙ RW-1 RECOVERY WELL LOCATION
 - ⊕ OSP-2A/B NESTED OZONE SPARGE WELL LOCATION

FIGURE 2
SITE MAP
TESORO STATION NO. 67062
(FORMER BEACON STATION NO. 3700)
7898 OLD REDWOOD HIGHWAY
COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 9/29/03
FILE NO. 00-3700-1	PREPARED BY RDM
REVISION NO. 2	REVIEWED BY





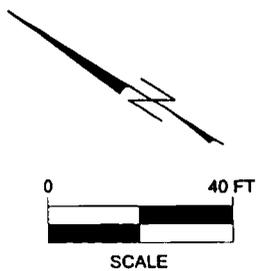
- LEGEND:**
- *—*— FENCE
 - MW-1 DESTROYED MONITORING WELL
 - ⊕ MW-2 MONITORING WELL LOCATION
 - ⊙ RW-1 RECOVERY WELL LOCATION
 - (97.54) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)
 - 99.0— WATER TABLE CONTOUR IN FEET ABOVE MSL

↑
INFERRED DIRECTION
OF GROUND WATER
FLOW

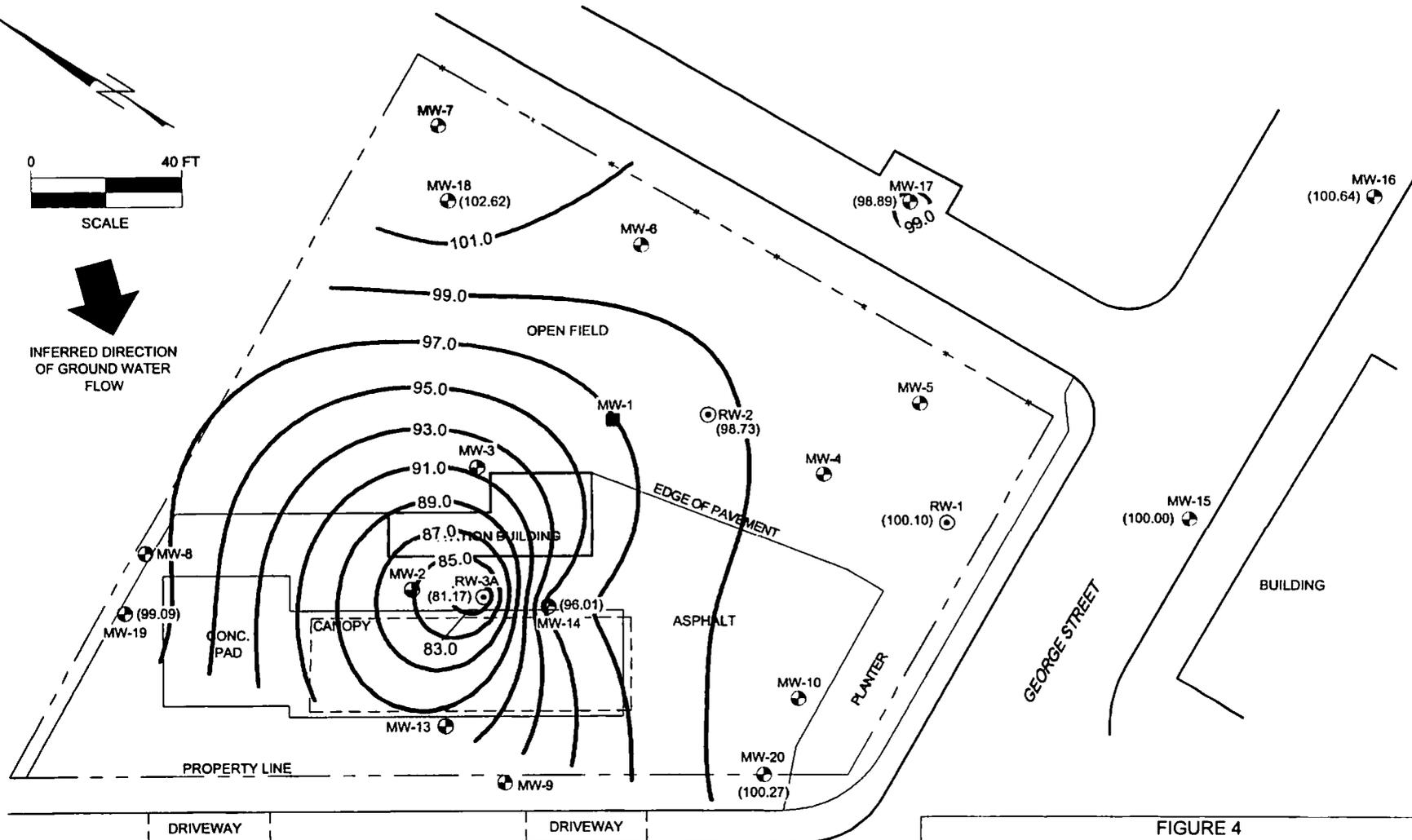
FIGURE 3
GROUND WATER ELEVATION CONTOUR MAP
ZONE A - 4/29/05
TESORO STATION NO. 67062
(FORMER BEACON STATION NO. 3700)
7898 OLD REDWOOD HIGHWAY
COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 7/14/05
FILE NO. 00-3700-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY





INFERRED DIRECTION
OF GROUND WATER
FLOW



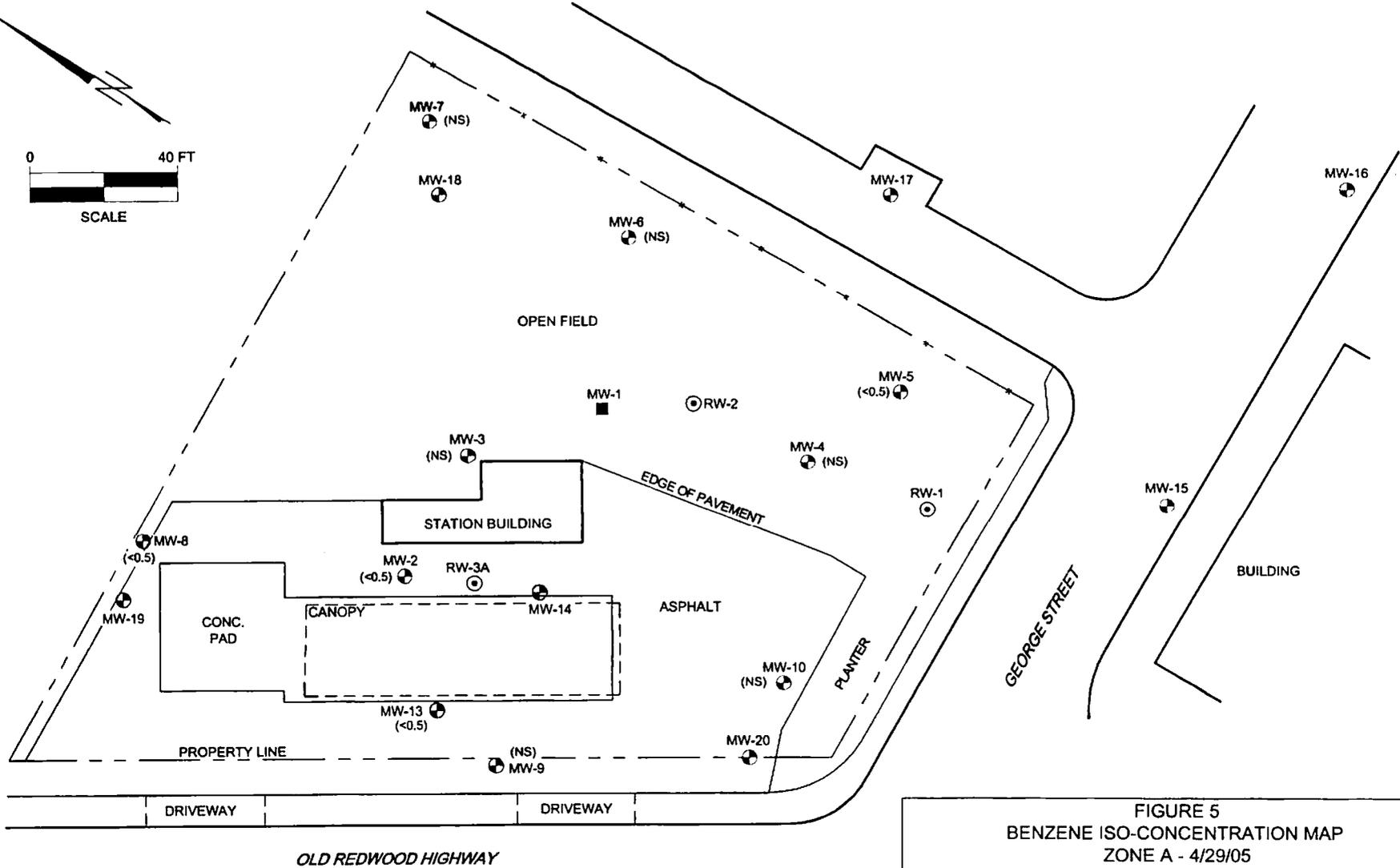
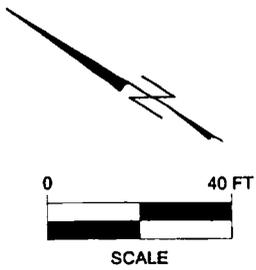
LEGEND:

- *—*— FENCE
- MW-1 DESTROYED MONITORING WELL
- MW-2 MONITORING WELL LOCATION
- ⊙ RW-1 RECOVERY WELL LOCATION
- (96.01) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)
- 95.0— WATER TABLE CONTOUR IN FEET ABOVE MSL

FIGURE 4
GROUND WATER ELEVATION CONTOUR MAP
ZONE B - 4/29/05
TESORO STATION NO. 67062
(FORMER BEACON STATION NO. 3700)
7898 OLD REDWOOD HIGHWAY
COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 7/14/05
FILE NO. 00-3700-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY



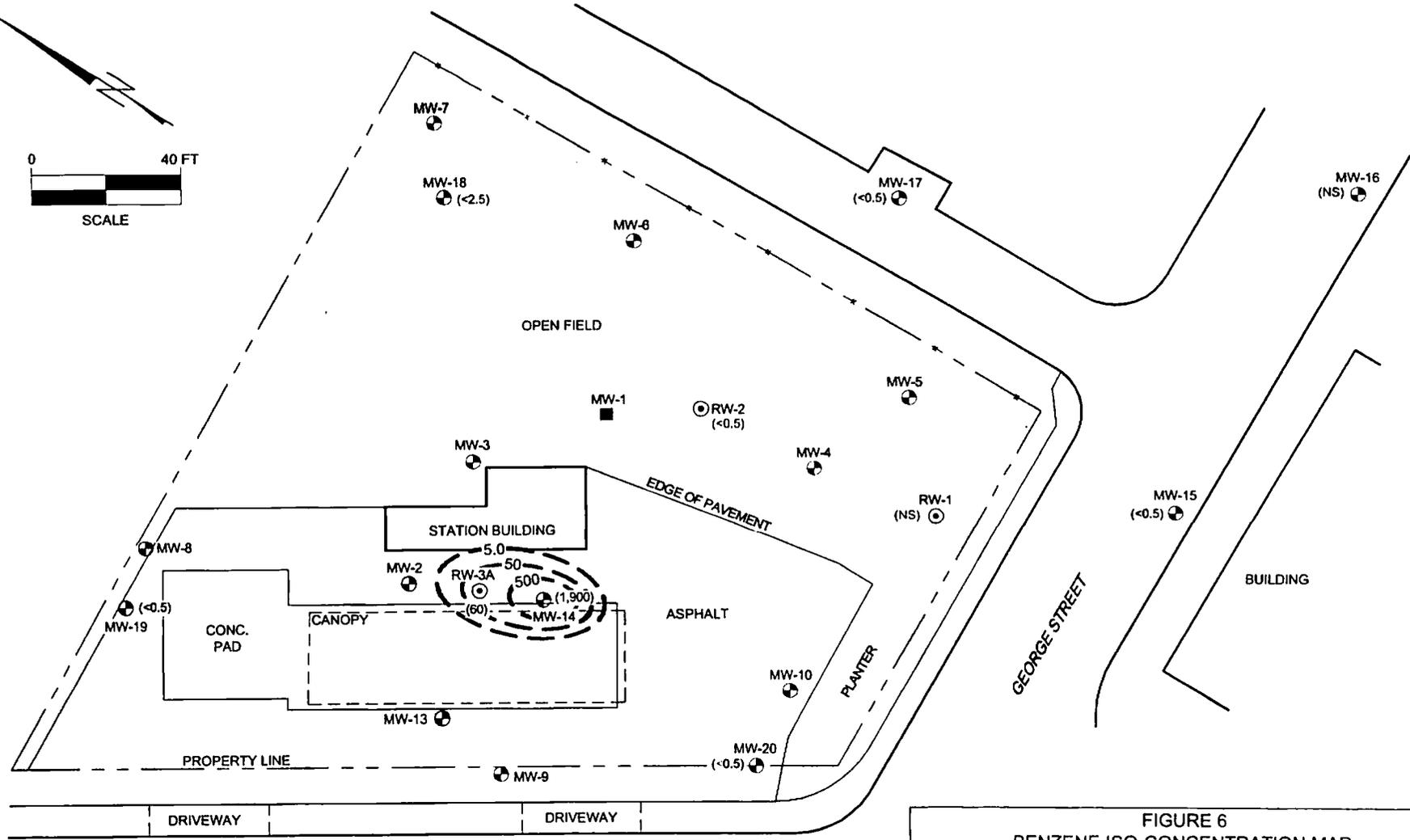
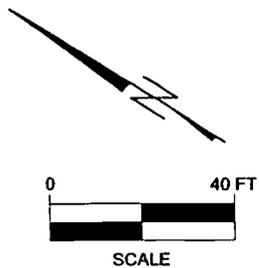


- LEGEND:
- *—*— FENCE
 - MW-1 DESTROYED MONITORING WELL
 - ⊕ MW-2 MONITORING WELL LOCATION
 - ⊙ RW-1 RECOVERY WELL LOCATION
 - (<0.5) BENZENE CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
 - (NS) NOT SAMPLED

FIGURE 5
BENZENE ISO-CONCENTRATION MAP
ZONE A - 4/29/05
TESORO STATION NO. 67062
(FORMER BEACON STATION NO. 3700)
7898 OLD REDWOOD HIGHWAY
COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 7/14/05
FILE NO. 00-3700-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY



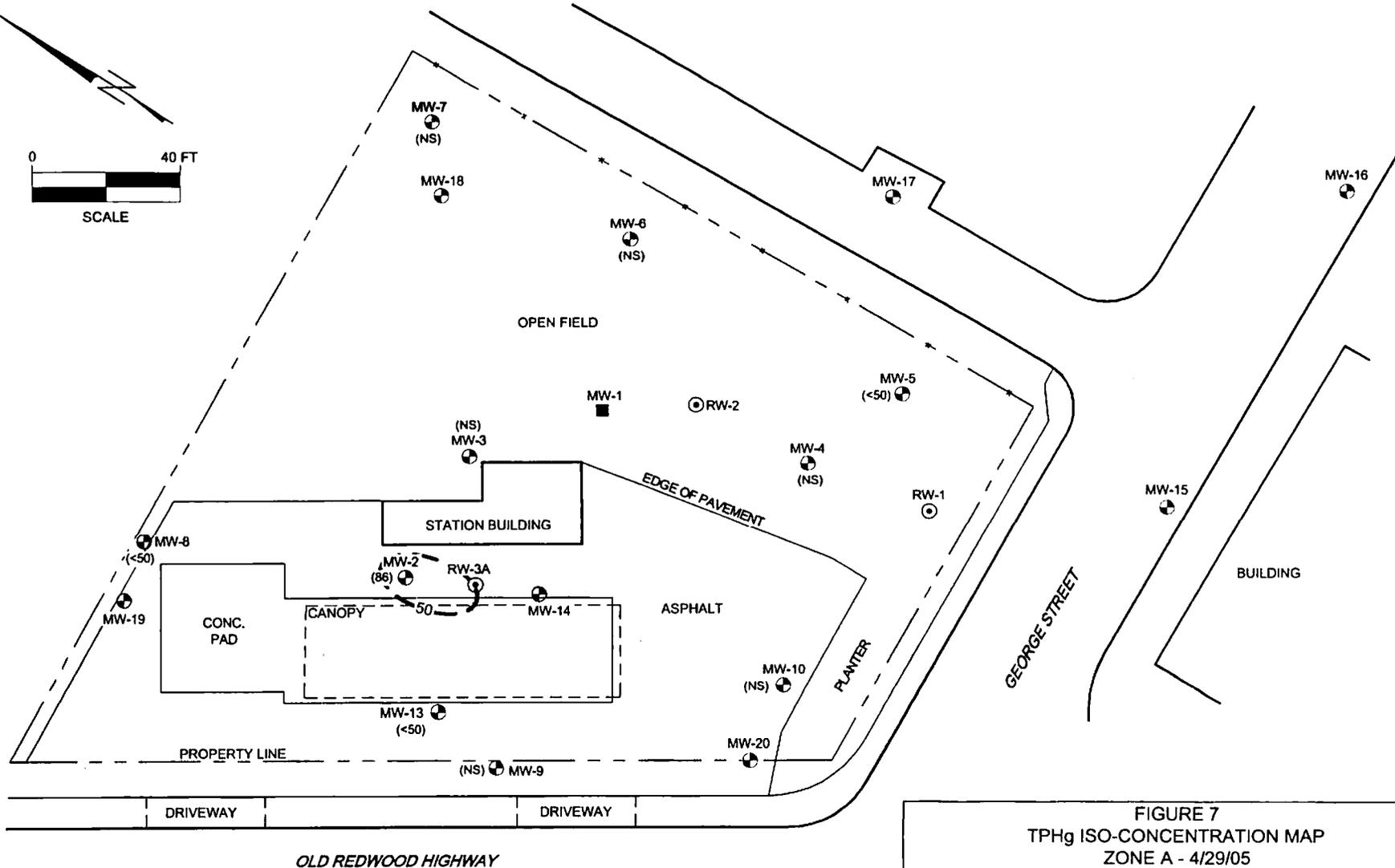
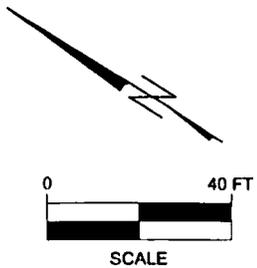


- LEGEND:
- *—*— FENCE
 - MW-1 DESTROYED MONITORING WELL
 - ⊕ MW-2 MONITORING WELL LOCATION
 - ⊙ RW-1 RECOVERY WELL LOCATION
 - (1,900) BENZENE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
 - - 50 - - EQUAL CONCENTRATION OF BENZENE IN GROUNDWATER IN ug/L
 - (NS) NOT SAMPLED

FIGURE 6
BENZENE ISO-CONCENTRATION MAP
ZONE B - 4/29/05
TESORO STATION NO. 67062
(FORMER BEACON STATION NO. 3700)
7898 OLD REDWOOD HIGHWAY
COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 7/14/05
FILE NO. 00-3700-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY





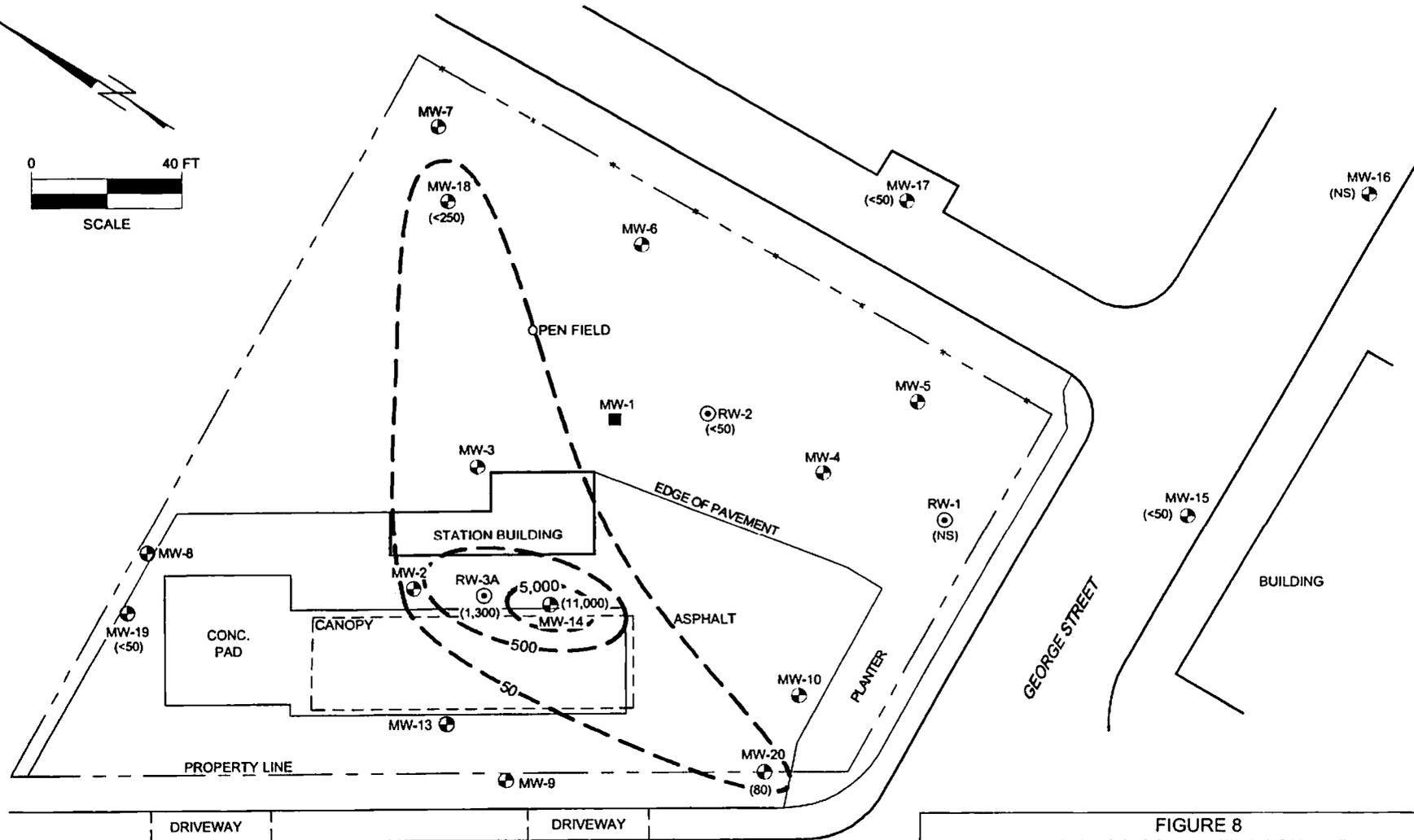
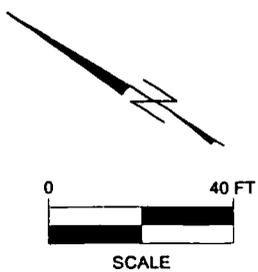
LEGEND:

- *—*— FENCE
- MW-1 DESTROYED MONITORING WELL
- ⊕ MW-2 MONITORING WELL LOCATION
- ⊙ RW-1 RECOVERY WELL LOCATION
- (86) TPHg CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
- - 50 - - EQUAL CONCENTRATION OF TPHg IN GROUNDWATER IN ug/L
- (NS) NOT SAMPLED

FIGURE 7
 TPHg ISO-CONCENTRATION MAP
 ZONE A - 4/29/05
 TESORO STATION NO. 67062
 (FORMER BEACON STATION NO. 3700)
 7898 OLD REDWOOD HIGHWAY
 COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 7/14/05
FILE NO. 00-3700-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY





OLD REDWOOD HIGHWAY

LEGEND:

- x—x— FENCE
- MW-1 DESTROYED MONITORING WELL
- ⊕ MW-2 MONITORING WELL LOCATION
- ⊙ RW-1 RECOVERY WELL LOCATION
- (11,000) TPHg CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
- - 50 - - EQUAL CONCENTRATION OF TPHg IN GROUNDWATER IN ug/L
- (NS) NOT SAMPLED

FIGURE 8
TPHg ISO-CONCENTRATION MAP
ZONE B - 4/29/05
TESORO STATION NO. 67062
(FORMER BEACON STATION NO. 3700)
7898 OLD REDWOOD HIGHWAY
COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 7/14/05
FILE NO. 00-3700-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY



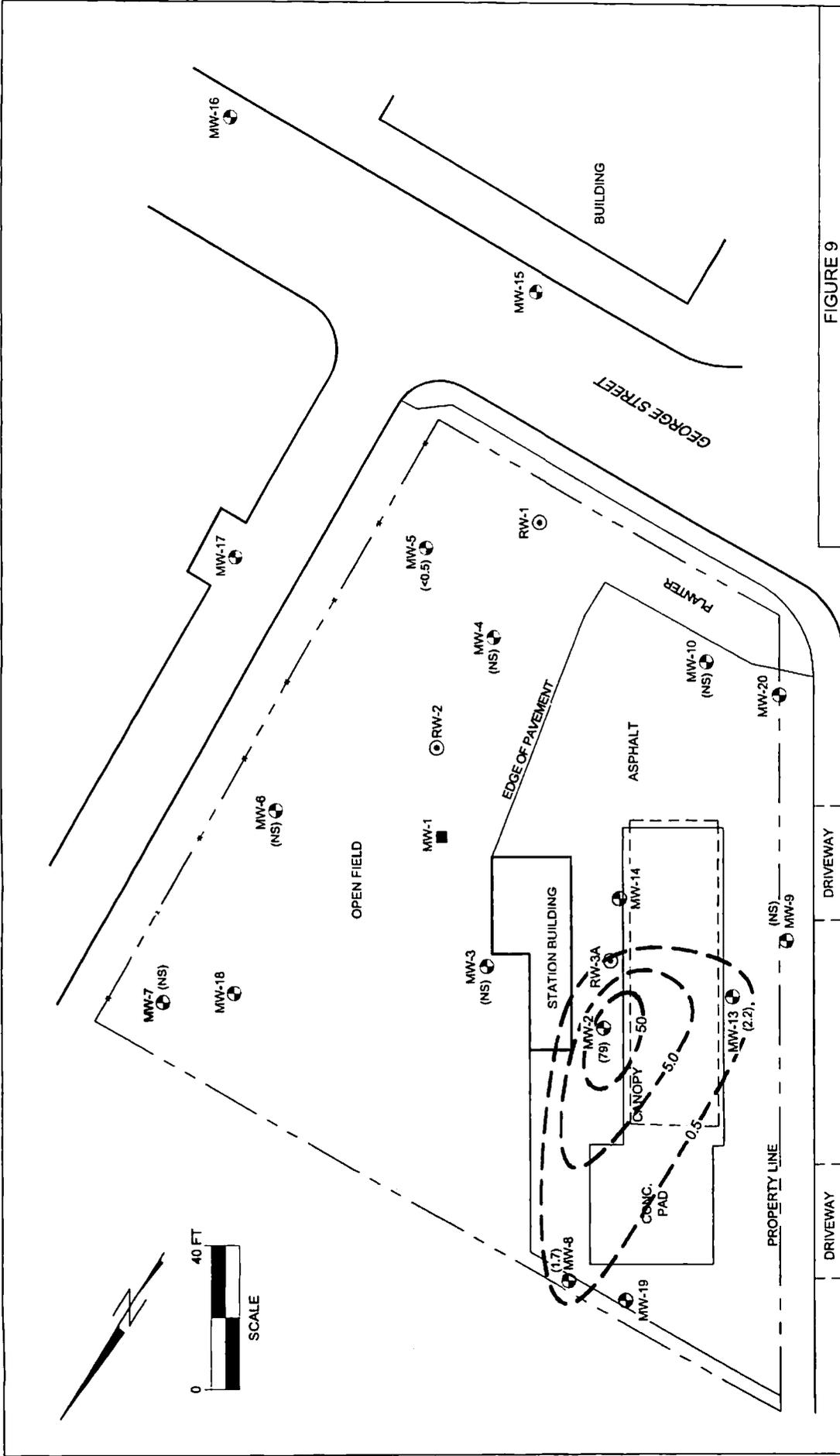


FIGURE 9
MTBE ISO-CONCENTRATION MAP
 ZONE A - 4/29/05
 TESORO STATION NO. 67062
 (FORMER BEACON STATION NO. 3700)
 7898 OLD REDWOOD HIGHWAY
 COTATI, CA.

PROJECT NO.	00-3700	DRAWN BY	M.L. 7/14/05
FILE NO.	00-3700-1	PREPARED BY	RDM
REVISION NO.	1	REVIEWED BY	



OLD REDWOOD HIGHWAY

- LEGEND:**
- *— FENCE
 - DESTROYED MONITORING WELL
 - ⊕ MONITORING WELL LOCATION
 - ⊙ RECOVERY WELL LOCATION
 - (79) MTBE CONCENTRATION IN MICROGRAMS PER LITER (ug/L)
 - - - 50 - - - EQUAL CONCENTRATION OF MTBE IN GROUNDWATER IN ug/L
 - (NS) NOT SAMPLED

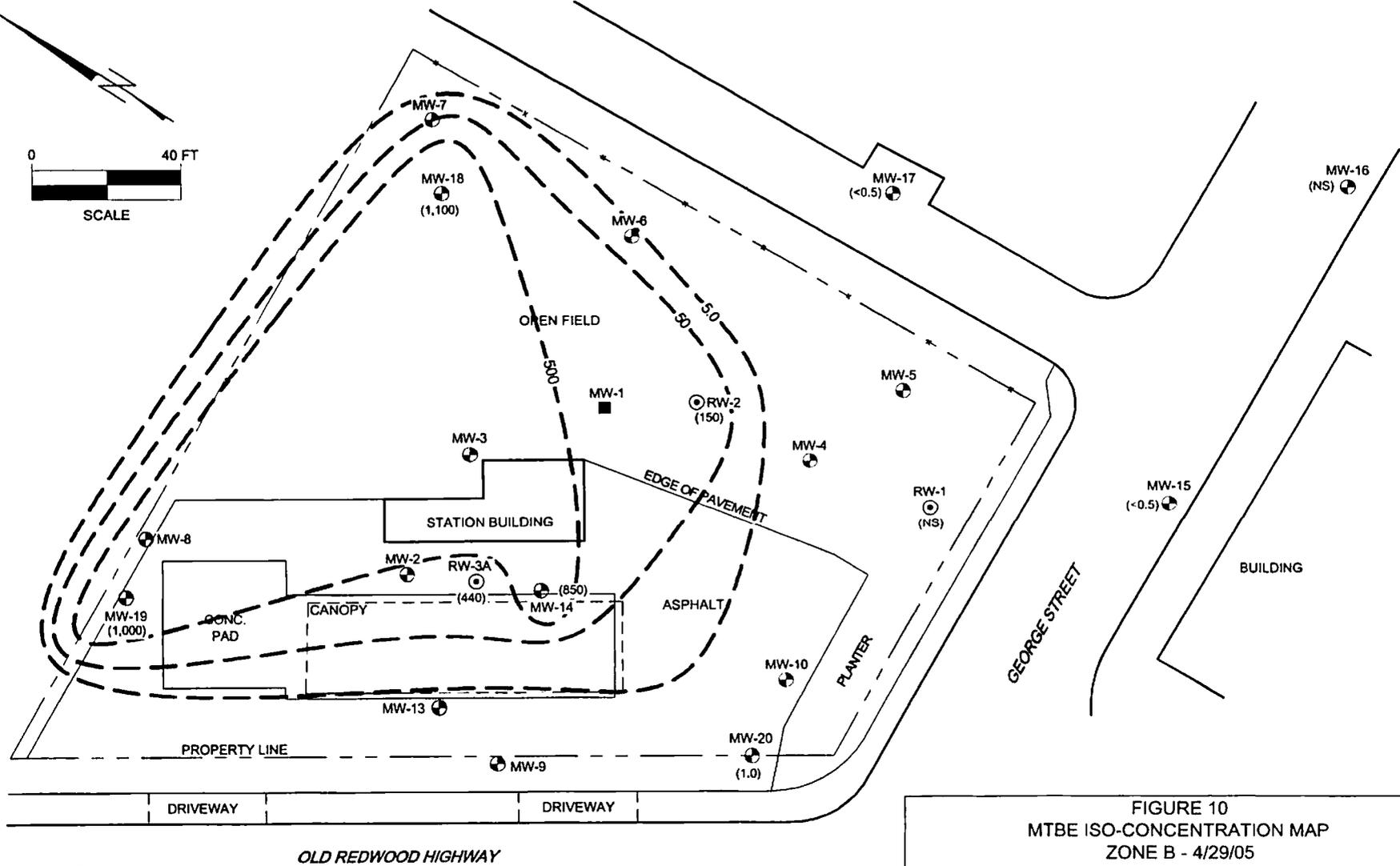
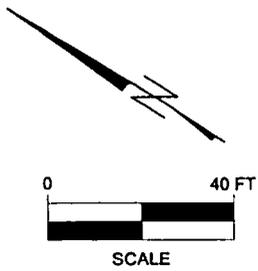
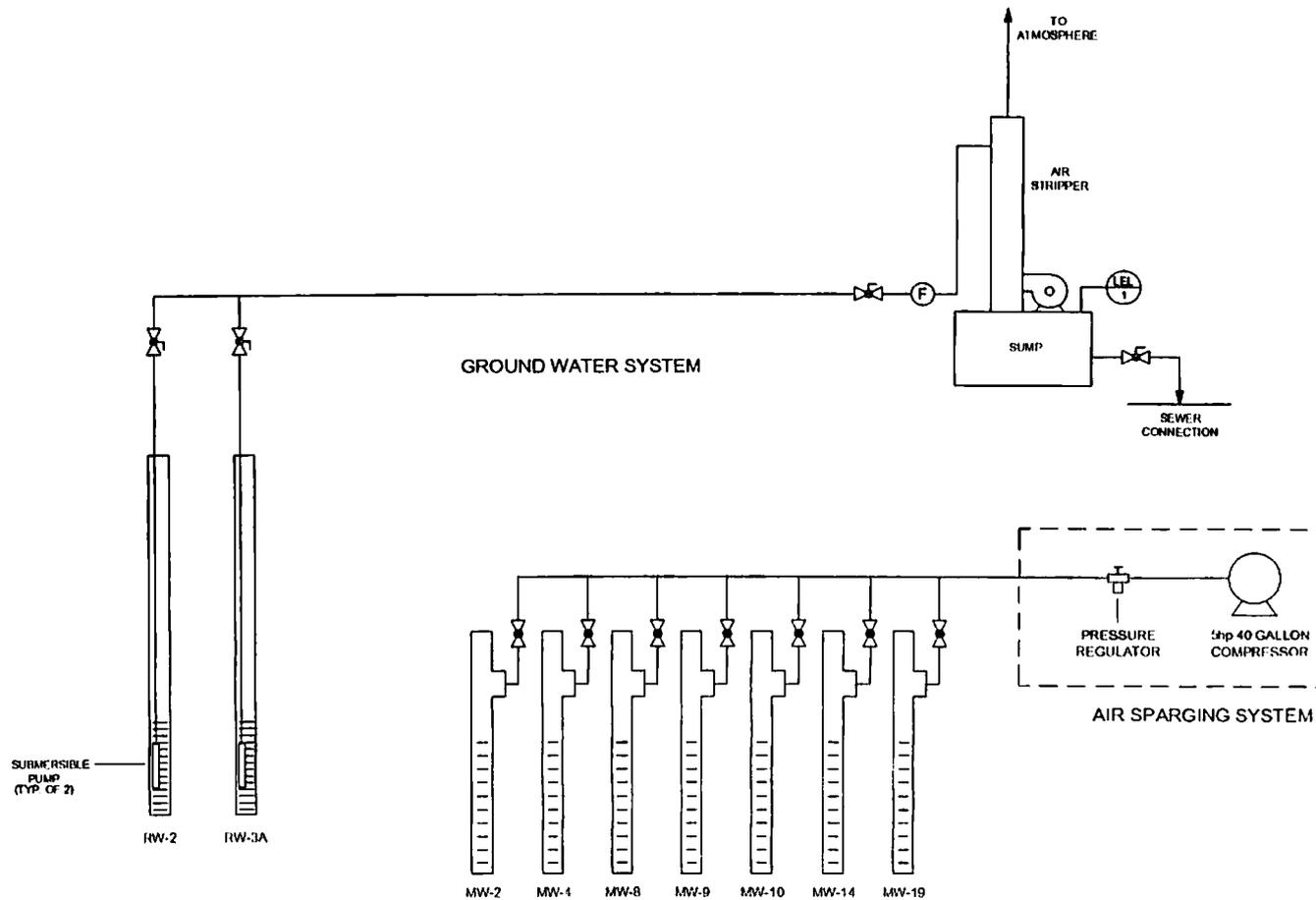


FIGURE 10
 MTBE ISO-CONCENTRATION MAP
 ZONE B - 4/29/05
 TESORO STATION NO. 67062
 (FORMER BEACON STATION NO. 3700)
 7898 OLD REDWOOD HIGHWAY
 COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 7/14/05
FILE NO. 00-3700-1	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY





CONTROL UNIT	FUNCTION
(LS 1)	H TRANSFER PUMP START L TRANSFER PUMP STOP
(LS 2)	HH SHUTS OFF SUBMERSIBLE PUMPS IN RW-2 & RW-3A ON HIGH WATER LEVEL IN HOLDING TANK
(LEL 1)	SHUTS ENTIRE GROUND WATER SYSTEM OFF IF PRESET LIMIT IS EXCEEDED

LEGEND

- (LS 1) LEVEL SWITCH
- (F) TOTALIZER FLOW METER
- (LEL 1) LOWER EXPLOSIVE LIMIT METER/SWITCH

Note: Not To Scale

Source: Figure Modified From Drawing Provided Delta

FIGURE 11
 PROCESS FLOW DIAGRAM
 TESORO STATION NO. 67062
 (FORMER BEACON STATION NO. 3700)
 7898 OLD REDWOOD HIGHWAY
 COTATI, CA.

PROJECT NO. 00-3700	DRAWN BY M.L. 5/25/01
FILE NO. 00-3700-4	PREPARED BY RDM
REVISION NO. 1	REVIEWED BY



ENCLOSURE A

Site Background Information

HISTORICAL BACKGROUND INFORMATION

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

ULTRAMAR INC.

- July 1990 - Ultramar purchased the site from Conoco Inc. At the time of acquisition, sixteen monitoring/recovery wells were present at the site (RW-1, RW-2, RW-3, MW-2 through MW-10, and MW-13 through MW-17). Kayo Oil Company conducted initial environmental investigations in 1985 as a result of an apparent product line release.
- October 1986 - The single-walled tanks at the site were removed and replaced with double-walled fiberglass tanks. Soil samples from the overexcavated tank pit contained TPHg concentrations from 24 ppm to 5,400 ppm (benzene range: <1 ppm to 11 ppm). Further excavation could not be performed due to the proximity of the tank basin to the station building and canopy footings.
- Late 1990 - Ultramar performed a soil vapor survey and vapor extraction influence study to evaluate the feasibility of vapor extraction technology for the site. The investigation showed elevated vapor levels on the property with the highest levels adjacent to the former tank basin. A 75-foot radius of influence was calculated from the feasibility test data.
- Early 1991 - A groundwater remediation system was installed and was operating at the time of Ultramar's purchase of the property. Ultramar made modifications to the system in an effort to maximize groundwater drawdown.
- May 5, 1991 - Soil vapor extraction utilizing an internal combustion engine (ICE) commenced.
- June 1992 - when hydrocarbon concentrations decreased, a Long Term Ambient Venting System (LTAV), consisting of a 100 scfm blower and associated stack, was permitted and installed at the site.
- September 1993 - An air sparging system was installed at the site. The system injected air into wells MW-3, MW-4 and MW-8.
- July 1996 - Based on telephone conversations with the regional water quality control board, the ground water pumping system was shut off.
- December 1996 - The air sparging system expanded to wells RW-3A, MW-2, MW-14 and MW-19.
- May 6, 1998 - The air-sparging system was restarted. The system injects air into wells MW-2, MW-4, MW-8, MW-9 MW-10, MW-14 and MW-19.
- November 17, 1998 - The groundwater pump-and-treat system was restarted. The system pumps water from recovery wells RW-2 and RW-3A.
- On May 17, 2002, the facility ownership was transferred to Tesoro Petroleum.
- On July 31, and August 1, 2003, RDM representative observed the installation of Geoprobe GP-1 through GP-3 and ozone sparge well OS-1.
- The ozone sparge system was installed during the second week in February 2004 and the long term ozone sparge test was put into operation on February 17, 2004.

HISTORICAL BACKGROUND INFORMATION

Tesoro Station No. 67062
Former Beacon Station No. 3700
7898 Old Redwood Highway
Cotati, California

- The ozone test conducted on ozone sparge well OS-1 was discontinued on October 13, 2004.
- Ozone sparge wells OS-2A/B, OS-3A/B, OS-4A/B, OS-5A/B, and OS-6A/B were installed during June 1 through 3, 2005.

ENCLOSURE B

Ground Water Sampling Information

RDM ENVIRONMENTAL
GROUND WATER LEVEL DATA

Project Address: Tesoro Petroleum No. 67062
7898 Old Redwood Hwy, Cotati CA

Technicians : SG/DF

Date: 4/29/2005

Project Number: 67062

Well Number	Sample Order	Time	Depth to Water	Total Depth	Depth to Product	Product Thickness	Comments
MW-2	10	1007	11.15	20.98			
MW-3		1013	9.85	22.2			
MW-4		1017	7.38	17.5			
MW-5	3	0953	6.80	23.96			
MW-6		1016	10.37	20.68			
MW-7		1015	8.70	21.4			
MW-8	4	0956	9.19	20.2			
MW-9		1010	6.78	18.7			
MW-10		1012	8.71	18.41			
MW-13	5	0957	8.09	24.14			
MW-14	12	1009	12.30	35.54			
MW-15	2	0950	7.77	44.33			
MW-16		1019	6.97	35.36			
MW-17	1	0948	6.77	30.1			
MW-18	9	1005	11.36	42.47			
MW-19	8	1002	9.40	40.07			

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>MW-2</u>
Signature: <u>[Signature]</u>	

Well Box Condition/Traffic

Traffic Control	<input checked="" type="radio"/> Yes <input type="radio"/> No	Time: <u>1007</u> hours
Standing water	Yes <input type="radio"/> <input checked="" type="radio"/> No	above or below casing
Top of well level	Yes <input type="radio"/> <input checked="" type="radio"/> No	Remark:
Well cap & locked	Yes <input type="radio"/> <input checked="" type="radio"/> No	Remark: <u>Air sparge point</u>
Height of Riser	<u>4"</u>	
Well Box 8" <input checked="" type="radio"/> 12" <input type="radio"/> 24" <input type="radio"/>	Type of well box	<u>Not marked</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	<input checked="" type="checkbox"/>	Submersible Pump	<input type="checkbox"/>
2" PVC Bailer	<input type="checkbox"/>	Dedicated Bailer	<input type="checkbox"/>
4" PVC Bailer	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>

Sampling -

Disposable Bailer	<input checked="" type="checkbox"/>	Teflon Bailer	<input type="checkbox"/>	Disposable Tubing	<input type="checkbox"/>
-------------------	-------------------------------------	---------------	--------------------------	-------------------	--------------------------

Well Purging

Well Diameter:	2" <input checked="" type="checkbox"/>	4" <input type="checkbox"/>	6" <input type="checkbox"/>	8" <input type="checkbox"/>
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement		Recharge Measurement		Calculated Purge <u>4.72</u>
Time: <u>1007</u>		Time:		Actual Purge <u>4.75</u>
Depth of Well <u>20.98</u>		Depth to Water		
Depth to Water <u>11.15</u>				

Sample

Start Purge <u>1610</u>	Sample Time <u>1623</u>
-------------------------	-------------------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>1613</u>	<u>63.8</u>	<u>864</u>	<u>6.67</u>			<u>1</u>
<u>1616</u>	<u>63.6</u>	<u>858</u>	<u>6.62</u>			<u>2</u>
<u>1620</u>	<u>64.2</u>	<u>818</u>	<u>6.60</u>			<u>3</u>

Sample Appearance <u>CLOUDY</u>	Lock <u>N/A</u>
---------------------------------	-----------------

Equipment Replacement

Lock <u>N/A</u>	Well Cap <u>01</u>	Bolts <u>N/A</u>	Box <u>OK</u>
-----------------	--------------------	------------------	---------------

Remarks:

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>MW-5</u>
Signature: <u>[Signature]</u>	

Well Box Condition/Traffic

Traffic Control	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Time: <u>0953</u> hours
Standing water	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	above or below casing
Top of well level	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Remark:
Well cap & locked	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Remark: <u>CAP. NOT LOCK</u>
Height of Riser	<u>1"</u>	
Well Box	8" <input checked="" type="checkbox"/> 12" <input type="checkbox"/> 24" <input type="checkbox"/>	Type of well box: <u>Morrison Dugout</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>
2" PVC Bailer	<input type="checkbox"/>	Dedicated Bailer	<input type="checkbox"/>
4" PVC Bailer	<input type="checkbox"/>	Centrifugal Pump	<input checked="" type="checkbox"/>

Sampling -

Disposable Bailer	<input checked="" type="checkbox"/>	Teflon Bailer	<input type="checkbox"/>	Disposable Tubing	<input type="checkbox"/>
-------------------	-------------------------------------	---------------	--------------------------	-------------------	--------------------------

Well Purging

Well Diameter:	2" <input checked="" type="checkbox"/>	4" <input type="checkbox"/>	6" <input type="checkbox"/>	8" <input type="checkbox"/>
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement		Recharge Measurement		Calculated Purge <u>8.24</u>
Time: <u>0953</u>		Time:		Actual Purge <u>8.5</u>
Depth of Well	<u>23.96</u>	Depth to Water		
Depth to Water	<u>6.80</u>			

Sample

Start Purge	<u>1150</u>	Sample Time	<u>1200</u>
-------------	-------------	-------------	-------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>1151</u>	<u>64.9</u>	<u>1208</u>	<u>7.00</u>			<u>1</u>
<u>1154</u>	<u>65.4</u>	<u>1156</u>	<u>7.00</u>			<u>2</u>
<u>1156</u>	<u>66.7</u>	<u>1176</u>	<u>7.01</u>			<u>3</u>

Sample Appearance	<u>CLEAR</u>	Lock	<u>Need</u>
-------------------	--------------	------	-------------

Equipment Replacement

Lock	<u>Need</u>	Well Cap	<u>04</u>	Bolts	<u>Need</u>	Box	<u>04</u>
------	-------------	----------	-----------	-------	-------------	-----	-----------

Remarks:

Client: Tesoro Petroleum Sample Data: 4/29/2005
 Site: Tesoro Petroleum No 67062 Project Number: 67062
7898 Old Redwood Highway, Cotati, CA Well Designation: MW-8
 Signature: [Signature]

Well Box Condition/Traffic

Traffic Control Yes No Time: 956 hours
 Standing water Yes No above or below casing
 Top of well level Yes No Remark: _____
 Well cap & locked Yes No Remark: AIR SPARK
 Height of Riser 4'
 Well Box 8" 12" 24" Type of well box Diversified Well Prod.

Purging/Sampling Equipment

Purging -

2" Disposable Bailer Submersible Pump _____
 2" PVC Bailer _____ Dedicated Bailer _____
 4" PVC Bailer _____ Centrifugal Pump

Sampling -

Disposable Bailer Teflon Bailer _____ Disposable Tubing _____

Well Purging

Well Diameter: 2" 4" _____ 6" _____ 8" _____
 Purge Vol. Multiplier 0.16 0.65 1.47 2.61
 Initial Measurement _____ Recharge Measurement _____ Calculated Purge 5.28
 Time: 956 Time: _____ Actual Purge 5.0
 Depth of Well 20.2 Depth to Water _____
 Depth to Water 9.19

Sample

Start Purge 1215 Sample Time 1302

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
1217	67.7	563	6.54			1
1236	70.2	560	6.65			2
1247	63.4	558	6.90			3

Sample Appearance CLEAR Lock N/A

Equipment Replacement

Lock N/A Well Cap N/A Bolts need 2 Box ok

Remarks:
 1220 well dry @ 3.5 g.
 1235 Restarted purge
 1237 well dry at 4.5 gallons
 1239 restarted purge w/ bailer

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>MW-13</u>
Signature: <u>[Signature]</u>	

Well Box Condition/Traffic

Traffic Control	<input checked="" type="radio"/> Yes <input type="radio"/> No	Time: <u>0957</u> hours
Standing water	Yes <input type="radio"/> No <input checked="" type="radio"/>	above or below casing
Top of well level	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____
Well cap & locked	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____
Height of Riser	<u>4'</u>	
Well Box	8" <input checked="" type="radio"/> 12" <input type="radio"/> 24" <input type="radio"/>	Type of well box <u>N.T. mounted</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	_____	Submersible Pump	_____
2" PVC Bailer	_____	Dedicated Bailer	_____
4" PVC Bailers	_____	Centrifugal Pump	<u>X</u>

Sampling -

Disposable Bailer	<u>X</u>	Teflon Bailer	_____	Disposable Tubing	_____
-------------------	----------	---------------	-------	-------------------	-------

Well Purging

Well Diameter:	2" <u>X</u>	4" _____	6" _____	8" _____
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement	_____	Recharge Measurement	_____	Calculated Purge <u>7.70</u>
Time:	<u>0957</u>	Time:	_____	Actual Purge <u>80</u>
Depth of Well	<u>24.14</u>	Depth to Water	_____	
Depth to Water	<u>8.09</u>			

Sample

Start Purge	<u>1343</u>	Sample Time	<u>1351</u>
-------------	-------------	-------------	-------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>1345</u>	<u>69.2</u>	<u>625</u>	<u>6.55</u>			<u>1</u>
<u>1346</u>	<u>69.4</u>	<u>626</u>	<u>6.50</u>			<u>2</u>
<u>1348</u>	<u>69.5</u>	<u>627</u>	<u>6.47</u>			<u>3</u>

Sample Appearance	<u>CLEAR</u>	Lock	<u>04</u>
-------------------	--------------	------	-----------

Equipment Replacement

Lock	<u>04</u>	Well Cap	<u>04</u>	Bolts	<u>N/A</u>	Box	<u>04</u>
------	-----------	----------	-----------	-------	------------	-----	-----------

Remarks: _____

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>MW-14</u>
Signature: <u>DHoff</u>	

Well Box Condition/Traffic

Traffic Control	<input checked="" type="radio"/> Yes <input type="radio"/> No	Time: <u>1009</u> hours
Standing water	Yes <input type="radio"/> No <input checked="" type="radio"/>	above or below casing
Top of well level	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____
Well cap & locked	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____
Height of Riser	<u>2"</u>	
Well Box	8" <input checked="" type="radio"/> 24" <input type="radio"/>	Type of well box <u>Not marked</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	<u>X</u>	Submersible Pump	_____
2" PVC Bailer	_____	Dedicated Bailer	_____
4" PVC Bailers	_____	Centrifugal Pump	_____

Sampling -

Disposable Bailer	<u>X</u>	Teflon Bailer	_____	Disposable Tubing	_____
-------------------	----------	---------------	-------	-------------------	-------

Well Purging

Well Diameter:	2" <u>X</u>	4" _____	6" _____	8" _____
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement	_____	Recharge Measurement	_____	Calculated Purge <u>11.16</u>
Time:	<u>1009</u>	Time:	_____	Actual Purge <u>4.50</u>
Depth of Well	<u>35.54</u>	Depth to Water	_____	
Depth to Water	<u>12.30</u>			

Sample

Start Purge	<u>1640</u>	Sample Time	<u>1740</u>
-------------	-------------	-------------	-------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
1658	65.8	407	6.96			1
1709	65.6	1199	6.67			2
1722	65.9	1206	6.64			3
1736	65.4	1226	6.66			

Sample Appearance	<u>1740 Clear</u>	Lock	<u>ok</u>
-------------------	-------------------	------	-----------

Equipment Replacement

Lock	<u>ok</u>	Well Cap	<u>ok</u>	Bolts	<u>ok</u>	Box	<u>ok</u>
------	-----------	----------	-----------	-------	-----------	-----	-----------

Remarks:

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>MW-15</u>
Signature: <u><i>[Signature]</i></u>	

Well Box Condition/Traffic

Traffic Control	<input checked="" type="radio"/> Yes No	Time: <u>0950</u> hours
Standing water	<input checked="" type="radio"/> Yes No	<u>above</u> or below casing
Top of well level	Yes <input checked="" type="radio"/> No	Remark: _____
Well cap & locked	<input checked="" type="radio"/> Yes No	Remark: _____
Height of Riser	<u>13'</u>	
Well Box <u>8'</u> 12" 24"	Type of well box	<u>Morrison Dubugue</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	_____	Submersible Pump	_____
2" PVC Bailer	_____	Dedicated Bailer	_____
4" PVC Bailers	_____	Centrifugal Pump	<u>Y</u>

Sampling -

Disposable Bailer	<u>X</u>	Teflon Bailer	_____	Disposable Tubing	_____
-------------------	----------	---------------	-------	-------------------	-------

Well Purging

Well Diameter:	2" <u>X</u>	4" _____	6" _____	8" _____
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement	_____	Recharge Measurement	_____	Calculated Purge <u>17.55</u>
Time: <u>0950</u>	_____	Time: _____	_____	Actual Purge <u>18.0</u>
Depth of Well	<u>44.33</u>	Depth to Water	_____	
Depth to Water	<u>7.77</u>			

Sample

Start Purge	<u>1108</u>	Sample Time	<u>1137</u>
-------------	-------------	-------------	-------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>1114</u>	<u>71.1</u>	<u>664</u>	<u>6.67</u>			<u>1</u>
<u>1123</u>	<u>71.6</u>	<u>677</u>	<u>6.71</u>			<u>2</u>
<u>1137</u>	<u>75.0</u>	<u>682</u>	<u>6.76</u>			<u>3</u>

Sample Appearance	<u>CLEAR</u>	Lock	<u>04</u>
-------------------	--------------	------	-----------

Equipment Replacement

Lock	<u>04</u>	Well Cap	<u>04</u>	Bolts	<u>Need 1</u>	Box	<u>04</u>
------	-----------	----------	-----------	-------	---------------	-----	-----------

Remarks: _____

Client: <u>Tesoro Petroleum</u>	Sample Date: <u>4/29/2005</u>						
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>						
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>MW-17</u>						
Signature: <u>[Signature]</u>							
Well Box Condition/Traffic							
Traffic Control <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Time: <u>0948</u> hours						
Standing water <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> above <input type="checkbox"/> or below casing						
Top of well level Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Remark: _____						
Well cap & locked <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Remark: _____						
Height of Riser <u>5"</u>							
Well Box <u>8" 12" 24"</u> Type of well box <u>Christy</u>							
Purging/Sampling Equipment							
Purging -							
2" Disposable Bailer _____	Submersible Pump _____						
2" PVC Bailer _____	Dedicated Bailer _____						
4" PVC Bailers _____	Centrifugal Pump <input checked="" type="checkbox"/>						
Sampling -							
Disposable Bailer <input checked="" type="checkbox"/>	Teflon Bailer _____ Disposable Tubing _____						
Well Purging							
Well Diameter: 2" <input checked="" type="checkbox"/> 4" _____ 6" _____ 8" _____							
Purge Vol. Multiplier 0.16 0.65 1.47 2.61							
Initial Measurement _____ Recharge Measurement _____	Calculated Purge <u>11.16</u>						
Time: <u>0948</u> _____	Actual Purge <u>16.0</u>						
Depth of Well <u>30.01</u> _____	Depth to Water _____						
Depth to Water <u>6.77</u> _____							
Sample							
Start Purge <u>1042</u>	Sample Time <u>1053</u>						
Time	Temperature	E.C.	pH	ORP	Turbidity		Volume
<u>1044</u>	<u>64.4</u>	<u>984</u>	<u>6.57</u>				<u>1</u>
<u>1046</u>	<u>65.7</u>	<u>1219</u>	<u>6.65</u>				<u>2</u>
<u>1047</u>	<u>66.3</u>	<u>1275</u>	<u>6.71</u>				<u>3</u>
<u>1050</u>	<u>67.0</u>	<u>1293</u>	<u>6.73</u>				<u>4</u>
Sample Appearance <u>CLEAR</u>		Lock <u>04</u>					
Equipment Replacement							
Lock <u>04</u>	Well Cap <u>04</u>	Bolts <u>N/A</u>	Box <u>04</u>				
Remarks:							

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>MW-18</u>
Signature: <u>[Signature]</u>	

Well Box Condition/Traffic

Traffic Control	Yes <input type="radio"/> No <input checked="" type="radio"/>	Time: <u>1005</u> hours
Standing water	Yes <input type="radio"/> No <input checked="" type="radio"/>	above or below casing
Top of well level	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____
Well cap & locked	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____
Height of Riser	<u>24"</u>	
Well Box 8" 12" 24"	Type of well box	<u>6" square stand pipe</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	_____	Submersible Pump	_____
2" PVC Bailer	_____	Dedicated Bailer	_____
4" PVC Bailers	_____	Centrifugal Pump	<u>X</u>

Sampling -

Disposable Bailer	<u>X</u>	Teflon Bailer	_____	Disposable Tubing	_____
-------------------	----------	---------------	-------	-------------------	-------

Well Purging

Well Diameter:	2" <u>X</u>	4" _____	6" _____	8" _____
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement	_____	Recharge Measurement	_____	Calculated Purge <u>14.93</u>
Time: <u>1005</u>	_____	Time: _____	_____	Actual Purge <u>15.0</u>
Depth of Well <u>42.47</u>	_____	Depth to Water _____	_____	
Depth to Water <u>11.36</u>	_____			

Sample

Start Purge <u>1546</u>	Sample Time <u>1559</u>
-------------------------	-------------------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>1549</u>	<u>65.1</u>	<u>1056</u>	<u>6.97</u>			<u>1</u>
<u>1552</u>	<u>66.9</u>	<u>1057</u>	<u>7.00</u>			<u>2</u>
<u>1555</u>	<u>67.3</u>	<u>1051</u>	<u>7.01</u>			<u>3</u>

Sample Appearance <u>CLEAR</u>	Lock <u>04</u>
--------------------------------	----------------

Equipment Replacement

Lock <u>04</u>	Well Cap <u>04</u>	Bolts <u>N/A</u>	Box <u>04</u>
----------------	--------------------	------------------	---------------

Remarks:

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>MW-19</u>
Signature: <u>[Signature]</u>	

Well Box Condition/Traffic

Traffic Control	<input checked="" type="radio"/> Yes <input type="radio"/> No	Time: <u>1002</u> hours
Standing water	Yes <input type="radio"/> No <input checked="" type="radio"/>	above or below casing
Top of well level	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark:
Well cap & locked	Yes <input type="radio"/> No <input checked="" type="radio"/>	Remark: <u>An spare point</u>
Height of Riser	<u>2"</u>	
Well Box <input checked="" type="radio"/> 8" 12" 24"	Type of well box	<u>Not marked</u>

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	_____	Submersible Pump	_____
2" PVC Bailer	_____	Dedicated Bailer	_____
4" PVC Bailers	_____	Centrifugal Pump	<u>X</u>

Sampling -

Disposable Bailer	<u>X</u>	Teflon Bailer	_____	Disposable Tubing	_____
-------------------	----------	---------------	-------	-------------------	-------

Well Purging

Well Diameter:	2" <u>X</u>	4" _____	6" _____	8" _____
Purge Vol. Multiplier	0.16	0.65	1.47	2.61
Initial Measurement	_____	Recharge Measurement	_____	Calculated Purge <u>14.72</u>
Time: <u>1002</u>	_____	Time: _____	_____	Actual Purge <u>15.0</u>
Depth of Well	<u>40.07</u>	Depth to Water	_____	
Depth to Water	<u>9.40</u>			

Sample

Start Purge	<u>1524</u>	Sample Time	<u>1535</u>
-------------	-------------	-------------	-------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>1528</u>	<u>67.7</u>	<u>640</u>	<u>6.59</u>			<u>1</u>
<u>1530</u>	<u>67.8</u>	<u>638</u>	<u>6.50</u>			<u>2</u>
<u>1533</u>	<u>67.9</u>	<u>638</u>	<u>6.48</u>			<u>3</u>

Sample Appearance	<u>CLEAR</u>	Lock	<u>N/A</u>
-------------------	--------------	------	------------

Equipment Replacement

Lock	<u>N/A</u>	Well Cap	<u>04</u>	Bolts	<u>N/A</u>	Box	<u>04</u>
------	------------	----------	-----------	-------	------------	-----	-----------

Remarks:

Client: <u>Tesoro Petroleum</u>		Sample Data: <u>4/29/2005</u>	
Site: <u>Tesoro Petroleum No 67062</u>		Project Number: <u>67062</u>	
<u>7898 Old Redwood Highway, Cotati, CA</u>		Well Designation: <u>MW-20</u>	
Signature: <u>[Signature]</u>			
Well Box Condition/Traffic			
Traffic Control	<input checked="" type="radio"/> Yes <input type="radio"/> No	Time: <u>0958</u> hours	
Standing water	<input type="radio"/> Yes <input checked="" type="radio"/> No	above or below casing	
Top of well level	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____	
Well cap & locked	<input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____	
Height of Riser	<u>0"</u>		
Well Box	<input checked="" type="radio"/> 8" <input type="radio"/> 12" <input type="radio"/> 24"	Type of well box	<u>Not marked</u>
Purging/Sampling Equipment			
Purging -			
2" Disposable Bailer	<input checked="" type="checkbox"/>	Submersible Pump	_____
2" PVC Bailer	_____	Dedicated Bailer	_____
4" PVC Bailers	_____	Centrifugal Pump	_____
Sampling -			
Disposable Bailer	<input checked="" type="checkbox"/>	Teflon Bailer	_____
		Disposable Tubing	_____
Well Purging			
Well Diameter: 2"	<input checked="" type="checkbox"/>	4"	<input type="checkbox"/>
		6"	<input type="checkbox"/>
		8"	<input type="checkbox"/>
Purge Vol. Multiplier	<u>0.16</u>	<u>0.65</u>	<u>1.47</u>
			<u>2.61</u>
Initial Measurement		Recharge Measurement	
Time: <u>0958</u>		Time: _____	Calculated Purge <u>4.21</u>
Depth of Well <u>16.52</u>		Depth to Water _____	Actual Purge <u>4.50</u>
Depth to Water <u>7.74</u>			
Sample			
Start Purge	<u>1356</u>	Sample Time	<u>1410</u>
Time	Temperature	E.C.	pH
<u>1400</u>	<u>67.7</u>	<u>778</u>	<u>6.54</u>
<u>1403</u>	<u>67.9</u>	<u>777</u>	<u>6.52</u>
<u>1406</u>	<u>68.2</u>	<u>769</u>	<u>6.49</u>
Sample Appearance	<u>AT410 CLEAR</u>	Lock	<u>04</u>
Equipment Replacement			
Lock	<u>04</u>	Well Cap	<u>04</u>
Bolts	<u>N/A</u>	Box	<u>04</u>
Remarks:			

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>RW-2</u>
Signature: <u>[Signature]</u>	

Well Box Condition/Traffic

Traffic Control	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Time: <u>1000</u> hours
Standing water	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	above or below casing
Top of well level	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Remark: _____
Well cap & locked	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Remark: <u>Recovery Well</u>
Height of Riser	<u>Ø</u>	
Well Box 8" 12" 24"	Type of well box	<u>not marked</u>
<u>28" X 40" Rectangle</u>		

Purging/Sampling Equipment

Purging -

2" Disposable Bailer	_____	Submersible Pump	_____
2" PVC Bailer	_____	Dedicated Bailer	_____
4" PVC Bailers	_____	Centrifugal Pump	<u>X</u>

Sampling -

Disposable Bailer	<u>X</u>	Teflon Bailer	_____	Disposable Tubing	_____
-------------------	----------	---------------	-------	-------------------	-------

Well Purging

Well Diameter: 2" <u>(24")</u>	4" _____	6" _____	8" _____		
Purge Vol. Multiplier	0.16	0.65	1.47	2.61	
Initial Measurement	_____	Recharge Measurement	_____	Calculated Purge	<u>?</u>
Time: <u>1000</u>	_____	Time: _____	_____	Actual Purge	<u>60.0</u>
Depth of Well	<u>65.6</u>	Depth to Water	_____		
Depth to Water	<u>9.08</u>				

Sample

Start Purge	<u>1424</u>	Sample Time	<u>1510</u>
-------------	-------------	-------------	-------------

Time	Temperature	E.C.	pH	ORP	Turbidity	Volume
<u>1501</u>	<u>67.7</u>	<u>832</u>	<u>7.08</u>			<u>40g</u>
<u>1504</u>	<u>65.9</u>	<u>839</u>	<u>7.01</u>			<u>50g</u>
<u>1507</u>	<u>66.5</u>	<u>834</u>	<u>7.00</u>			<u>60g</u>

Sample Appearance	<u>CLEAR</u>	Lock	<u>N/A</u>
-------------------	--------------	------	------------

Equipment Replacement

Lock	<u>N/A</u>	Well Cap	<u>N/A</u>	Bolts	<u>N/A</u>	Box	<u>ok</u>
------	------------	----------	------------	-------	------------	-----	-----------

Remarks:

Client: <u>Tesoro Petroleum</u>	Sample Data: <u>4/29/2005</u>						
Site: <u>Tesoro Petroleum No 67062</u>	Project Number: <u>67062</u>						
<u>7898 Old Redwood Highway, Cotati, CA</u>	Well Designation: <u>RW-3</u>						
Signature: <u>[Signature]</u>							
Well Box Condition/Traffic							
Traffic Control <input checked="" type="radio"/> Yes <input type="radio"/> No	Time: <u>1009</u> hours						
Standing water <input checked="" type="radio"/> Yes <input type="radio"/> No	above or below casing						
Top of well level <input checked="" type="radio"/> Yes <input type="radio"/> No	Remark: _____						
Well cap & locked <input type="radio"/> Yes <input checked="" type="radio"/> No	Remark: <u>Active Recovery Well</u>						
Height of Riser <u>5"</u>							
Well Box <input type="checkbox"/> 8" <input type="checkbox"/> 12" <input type="checkbox"/> 24" <input checked="" type="checkbox"/> 36"	Type of well box <u>Pumero</u>						
Purging/Sampling Equipment							
Purging - <u>N/A Active Recovery Well</u>							
2" Disposable Bailer _____	Submersible Pump _____						
2" PVC Bailer _____	Dedicated Bailer _____						
4" PVC Bailers _____	Centrifugal Pump _____						
Sampling -							
Disposable Bailer <input checked="" type="checkbox"/> _____	Teflon Bailer _____ Disposable Tubing _____						
Well Purging							
Well Diameter: 2" _____ 4" _____ 6" <input checked="" type="checkbox"/> _____ 8" _____							
Purge Vol. Multiplier _____ 0.16 _____ 0.65 _____ 1.47 _____ 2.61 _____							
Initial Measurement _____	Recharge Measurement _____						
Time: <u>1009</u>	Time: _____						
Depth of Well <u>38.84</u>	Depth to Water _____						
Depth to Water <u>27.51</u>							
	Calculated Purge <u>49.83</u>						
	Actual Purge <u>NONE</u>						
Sample							
Start Purge <u>N/A - Active Recovery Well</u>	Sample Time <u>1629</u>						
Time	Temperature	E.C.	pH	ORP	Turbidity		Volume
<u>N/A</u>							
Sample Appearance <u>CLOUDY</u> Lock <u>N/A</u>							
Equipment Replacement							
Lock <u>N/A</u>	Well Cap <u>04</u>	Bolts <u>04</u>	Box <u>2 threads stripped</u>				
Remarks:							

ENCLOSURE C

Ground Water Analytical Results



Report Number : 43525

Date : 5/6/2005

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 12 Water Samples
Project Name : Tesoro St No 67062
Project Number : 67062

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Subject : 12 Water Samples
Project Name : Tesoro St No 67062
Project Number : 67062

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample MW-18 for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

Approved By:

A handwritten signature in black ink, appearing to read "Joe Kiff".

Joe Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-2

Matrix : Water

Lab Number : 43525-01

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	79	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	1400	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	86	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	95.2		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-5

Matrix : Water

Lab Number : 43525-02

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	94.0		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-8

Matrix : Water

Lab Number : 43525-03

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	1.7	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	93.2		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-13

Matrix : Water

Lab Number : 43525-04

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	2.2	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	97.9		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

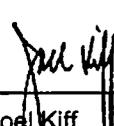
Sample : MW-14

Matrix : Water

Lab Number : 43525-05

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1900	3.0	ug/L	EPA 8260B	5/4/2005
Toluene	300	3.0	ug/L	EPA 8260B	5/4/2005
Ethylbenzene	160	3.0	ug/L	EPA 8260B	5/4/2005
Total Xylenes	720	3.0	ug/L	EPA 8260B	5/4/2005
Methyl-t-butyl ether (MTBE)	850	3.0	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	< 3.0	3.0	ug/L	EPA 8260B	5/4/2005
Ethyl-t-butyl ether (ETBE)	< 3.0	3.0	ug/L	EPA 8260B	5/4/2005
Tert-amyl methyl ether (TAME)	< 3.0	3.0	ug/L	EPA 8260B	5/4/2005
Tert-Butanol	840	15	ug/L	EPA 8260B	5/4/2005
TPH as Gasoline	11000	300	ug/L	EPA 8260B	5/4/2005
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	5/4/2005
4-Bromofluorobenzene (Surr)	95.2		% Recovery	EPA 8260B	5/4/2005

Approved By:  Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-15

Matrix : Water

Lab Number : 43525-06

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	93.3		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-17

Matrix : Water

Lab Number : 43525-07

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	93.6		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-18

Matrix : Water

Lab Number : 43525-08

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 2.5	2.5	ug/L	EPA 8260B	5/3/2005
Toluene	< 2.5	2.5	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 2.5	2.5	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 2.5	2.5	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	1100	2.5	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 2.5	2.5	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 2.5	2.5	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 2.5	2.5	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 15	15	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 250	250	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	94.8		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-19

Matrix : Water

Lab Number : 43525-09

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	1000	2.5	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	560	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	91.5		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	91.3		% Recovery	EPA 8260B	5/3/2005

Approved By:  Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : MW-20

Matrix : Water

Lab Number : 43525-10

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	1.0	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	80	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	90.7		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : RW-2

Matrix : Water

Lab Number : 43525-11

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	150	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	18	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	90.9		% Recovery	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	98.9		% Recovery	EPA 8260B	5/3/2005

Approved By:

Joel Kiff



Report Number : 43525

Date : 5/6/2005

Project Name : Tesoro St No 67062

Project Number : 67062

Sample : RW-3

Matrix : Water

Lab Number : 43525-12

Sample Date :4/29/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	60	0.90	ug/L	EPA 8260B	5/4/2005
Toluene	3.8	0.90	ug/L	EPA 8260B	5/4/2005
Ethylbenzene	8.3	0.90	ug/L	EPA 8260B	5/4/2005
Total Xylenes	26	0.90	ug/L	EPA 8260B	5/4/2005
Methyl-t-butyl ether (MTBE)	440	0.90	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	< 0.90	0.90	ug/L	EPA 8260B	5/4/2005
Ethyl-t-butyl ether (ETBE)	< 0.90	0.90	ug/L	EPA 8260B	5/4/2005
Tert-amyl methyl ether (TAME)	< 0.90	0.90	ug/L	EPA 8260B	5/4/2005
Tert-Butanol	1900	5.0	ug/L	EPA 8260B	5/4/2005
TPH as Gasoline	1300	90	ug/L	EPA 8260B	5/4/2005
Toluene - d8 (Surr)	99.9		% Recovery	EPA 8260B	5/4/2005
4-Bromofluorobenzene (Surr)	96.7		% Recovery	EPA 8260B	5/4/2005

Approved By:

Joel Kiff

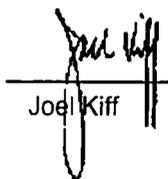
QC Report : Method Blank Data

Project Name : Tesoro St No 67062

Project Number : 67062

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	98.9		%	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	92.5		%	EPA 8260B	5/3/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/2/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/2/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/2/2005
Toluene - d8 (Surr)	101		%	EPA 8260B	5/2/2005
4-Bromofluorobenzene (Surr)	96.5		%	EPA 8260B	5/2/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	101		%	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	94.4		%	EPA 8260B	5/3/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	101		%	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	92.5		%	EPA 8260B	5/3/2005

Approved By:  _____
 Joel Kiff

QC Report : Method Blank Data

Project Name : **Tesoro St No 67062**

Project Number : **67062**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	93.4		%	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	105		%	EPA 8260B	5/3/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/3/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/3/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/3/2005
Toluene - d8 (Surr)	89.1		%	EPA 8260B	5/3/2005
4-Bromofluorobenzene (Surr)	93.4		%	EPA 8260B	5/3/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/4/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/4/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/4/2005
Toluene - d8 (Surr)	96.4		%	EPA 8260B	5/4/2005
4-Bromofluorobenzene (Surr)	97.0		%	EPA 8260B	5/4/2005

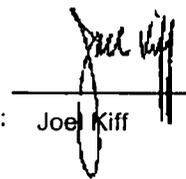
Approved By:  _____
 Joel Kiff

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : Tesoro St No 67062

Project Number : 67062

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	43499-04	<0.50	40.0	40.0	38.9	38.4	ug/L	EPA 8260B	5/3/05	97.2	96.1	1.08	70-130	25
Toluene	43499-04	<0.50	40.0	40.0	38.9	38.2	ug/L	EPA 8260B	5/3/05	97.3	95.5	1.87	70-130	25
Tert-Butanol	43499-04	<5.0	200	200	197	196	ug/L	EPA 8260B	5/3/05	98.7	98.1	0.650	70-130	25
Methyl-t-Butyl Ether	43499-04	270	40.0	40.0	260	258	ug/L	EPA 8260B	5/3/05	0.00	0.00	0.00	70-130	25
Benzene	43510-08	6.9	40.0	40.0	46.3	46.1	ug/L	EPA 8260B	5/2/05	98.6	98.2	0.453	70-130	25
Toluene	43510-08	8.8	40.0	40.0	49.8	49.4	ug/L	EPA 8260B	5/2/05	102	101	1.02	70-130	25
Tert-Butanol	43510-08	52	200	200	244	244	ug/L	EPA 8260B	5/2/05	96.0	95.7	0.348	70-130	25
Methyl-t-Butyl Ether	43510-08	1.8	40.0	40.0	40.8	41.0	ug/L	EPA 8260B	5/2/05	97.7	98.0	0.290	70-130	25
Benzene	43525-07	<0.50	40.0	40.0	39.0	38.1	ug/L	EPA 8260B	5/3/05	97.6	95.3	2.33	70-130	25
Toluene	43525-07	<0.50	40.0	40.0	39.5	38.7	ug/L	EPA 8260B	5/3/05	98.7	96.8	1.96	70-130	25
Tert-Butanol	43525-07	<5.0	200	200	186	186	ug/L	EPA 8260B	5/3/05	93.2	93.2	0.0257	70-130	25
Methyl-t-Butyl Ether	43525-07	<0.50	40.0	40.0	35.3	34.8	ug/L	EPA 8260B	5/3/05	88.3	87.1	1.37	70-130	25
Benzene	43542-03	<0.50	40.0	40.0	43.7	42.5	ug/L	EPA 8260B	5/3/05	109	106	2.84	70-130	25
Toluene	43542-03	<0.50	40.0	40.0	43.7	42.5	ug/L	EPA 8260B	5/3/05	109	106	2.76	70-130	25
Tert-Butanol	43542-03	<5.0	200	200	205	208	ug/L	EPA 8260B	5/3/05	102	104	1.70	70-130	25
Methyl-t-Butyl Ether	43542-03	0.72	40.0	40.0	41.3	40.8	ug/L	EPA 8260B	5/3/05	102	100	1.38	70-130	25
Benzene	43525-04	<0.50	40.0	40.0	35.9	34.7	ug/L	EPA 8260B	5/3/05	89.8	86.8	3.37	70-130	25
Toluene	43525-04	<0.50	40.0	40.0	38.9	37.3	ug/L	EPA 8260B	5/3/05	97.3	93.3	4.23	70-130	25

Approved By:  Joe Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Tesoro St No 67062**Project Number : **67062**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol	43525-04	<5.0	200	200	181	185	ug/L	EPA 8260B	5/3/05	90.6	92.4	1.90	70-130	25
Methyl-t-Butyl Ether	43525-04	2.2	40.0	40.0	41.0	39.4	ug/L	EPA 8260B	5/3/05	96.9	93.0	4.19	70-130	25
Benzene	43542-04	<0.50	40.0	40.0	38.8	39.0	ug/L	EPA 8260B	5/3/05	96.9	97.6	0.700	70-130	25
Toluene	43542-04	<0.50	40.0	40.0	41.8	39.5	ug/L	EPA 8260B	5/3/05	104	98.8	5.49	70-130	25
Tert-Butanol	43542-04	<5.0	200	200	196	195	ug/L	EPA 8260B	5/3/05	97.9	97.7	0.249	70-130	25
Methyl-t-Butyl Ether	43542-04	<0.50	40.0	40.0	41.8	39.4	ug/L	EPA 8260B	5/3/05	104	98.4	6.00	70-130	25
Benzene	43526-01	<0.50	40.0	40.0	37.9	35.9	ug/L	EPA 8260B	5/4/05	94.8	89.8	5.45	70-130	25
Toluene	43526-01	0.58	40.0	40.0	38.3	40.0	ug/L	EPA 8260B	5/4/05	94.3	98.6	4.48	70-130	25
Tert-Butanol	43526-01	<5.0	200	200	189	188	ug/L	EPA 8260B	5/4/05	94.4	94.1	0.274	70-130	25
Methyl-t-Butyl Ether	43526-01	230	40.0	40.0	276	280	ug/L	EPA 8260B	5/4/05	116	124	6.26	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Project Name : Tesoro St No 67062

Project Number : 67062

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	5/3/05	95.2	70-130
Toluene	40.0	ug/L	EPA 8260B	5/3/05	97.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/3/05	95.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/3/05	98.0	70-130
Benzene	40.0	ug/L	EPA 8260B	5/2/05	99.9	70-130
Toluene	40.0	ug/L	EPA 8260B	5/2/05	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/2/05	96.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/2/05	103	70-130
Benzene	40.0	ug/L	EPA 8260B	5/3/05	93.4	70-130
Toluene	40.0	ug/L	EPA 8260B	5/3/05	95.9	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/3/05	88.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/3/05	88.8	70-130
Benzene	40.0	ug/L	EPA 8260B	5/3/05	104	70-130
Toluene	40.0	ug/L	EPA 8260B	5/3/05	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/3/05	97.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/3/05	99.8	70-130
Benzene	40.0	ug/L	EPA 8260B	5/3/05	86.2	70-130

KIFF ANALYTICAL, LLC

Approved By:



 Joel Kiff

Report Number : 43525

Date : 5/6/2005

QC Report : Laboratory Control Sample (LCS)

Project Name : **Tesoro St No 67062**

Project Number : **67062**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	5/3/05	93.0	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/3/05	94.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/3/05	83.6	70-130
Benzene	40.0	ug/L	EPA 8260B	5/3/05	93.5	70-130
Toluene	40.0	ug/L	EPA 8260B	5/3/05	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/3/05	96.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/3/05	105	70-130
Benzene	40.0	ug/L	EPA 8260B	5/4/05	81.9	70-130
Toluene	40.0	ug/L	EPA 8260B	5/4/05	91.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/4/05	86.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/4/05	88.9	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:


Joel Kiff



Analysis Summary

Report Number : 43525

Date : 5/6/2005

Attention : Richard Munsch
 RDM Environmental
 6280 Brookshire Drive
 Rocklin, CA 95677

Project Name : Tesoro St No 67062
 Project Number : 67062

Sample Name			MW-2		MW-5		MW-8		MW-13		MW-14		MW-15		MW-17		MW-18	
Sample Date			4/29/2005		4/29/2005		4/29/2005		4/29/2005		4/29/2005		4/29/2005		4/29/2005		4/29/2005	
Analyte	Method	Units	MRL	Results														
Benzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	3.0	1900	0.50	ND	0.50	ND	2.5	ND
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	3.0	300	0.50	ND	0.50	ND	2.5	ND
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	3.0	160	0.50	ND	0.50	ND	2.5	ND
Total Xylenes	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	3.0	720	0.50	ND	0.50	ND	2.5	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.50	79	0.50	ND	0.50	1.7	0.50	2.2	3.0	850	0.50	ND	0.50	ND	2.5	1100
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	3.0	ND	0.50	ND	0.50	ND	2.5	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	3.0	ND	0.50	ND	0.50	ND	2.5	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.50	ND	3.0	ND	0.50	ND	0.50	ND	2.5	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	1400	5.0	ND	5.0	ND	5.0	ND	15	840	5.0	ND	5.0	ND	15	ND
TPH as Gasoline	EPA 8260B	ug/L	50	86	50	ND	50	ND	50	ND	300	11000	50	ND	50	ND	250	ND
Toluene - d8 (Surr)	EPA 8260B	%		102		101		101		97.9		102		101		101		101
4-Bromofluorobenzene (Surr)	EPA 8260B	%		95.2		94.0		93.2		102		95.2		93.3		93.6		94.8

MRL = Method Reporting Limit
 ND = Not Detected

Approved By,

Joel Kiff



Analysis Summary

Report Number : 43525

Date : 5/6/2005

Attention : Richard Munsch
 RDM Environmental
 6280 Brookshire Drive
 Rocklin, CA 95677

Project Name : Tesoro St No 67062
 Project Number : 67062

Sample Name			MW-19		MW-20		RW-2		RW-3	
Sample Date			4/29/2005		4/29/2005		4/29/2005		4/29/2005	
Analyte	Method	Units	MRL	Results	MRL	Results	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.90	60
Toluene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.90	3.8
Ethylbenzene	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.90	8.3
Total Xylenes	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.90	26
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	2.5	1000	0.50	1.0	0.50	150	0.90	440
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.90	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.90	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.50	ND	0.50	ND	0.50	ND	0.90	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	560	5.0	ND	5.0	18	5.0	1900
TPH as Gasoline	EPA 8260B	ug/L	50	ND	50	80	50	ND	90	1300
Toluene - d8 (Surr)	EPA 8260B	%		91.5		105		90.9		99.9
4-Bromofluorobenzene (Surr)	EPA 8260B	%		91.3		90.7		98.9		96.7

MRL = Method Reporting Limit
 ND = Not Detected

Approved By,

Joel Kiff

ENCLOSURE D

Historical Ground Water Monitoring Data

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
 (Measurements in feet)

Monitoring/ Vapor Extraction Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth ³	Comments
MW-1	05/25/93 ⁴					
MW-2	02/15/96	106.58	10.04	96.54	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		11.13	95.45	---	
	08/15/96		14.05	92.53	---	
	11/20/96		16.73	89.85	---	
	02/27/97		9.18	97.40	---	
	05/30/97		12.79	93.79	22.10	
	07/30/97		15.25	91.33	22.10	
	12/04/97		13.99	92.59	22.11	
	02/17/98		5.51	101.07	22.12	
	05/18/98	10.29	96.29	22.16		
MW-3	02/15/96	105.99	10.40	95.59	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		11.69	94.30	---	
	08/15/96		11.82	94.17	---	
	11/20/96		17.36	88.63	---	
	02/27/97		9.15	69.84	---	
	05/30/97		13.06	92.93	22.20	
	07/30/97		15.40	90.59	22.22	
	12/04/97		14.20	91.79	22.22	
	02/17/98		4.98	101.01	22.25	
	05/18/98	8.89	97.10	22.25		
MW-4	02/15/96	104.52	12.31	92.21	---	No free product/no sheen No free product/no sheen No free product/no sheen Well Dry No free product/no sheen
	05/29/96		12.83	91.69	---	
	08/15/96		16.22	88.30	---	
	11/20/96		---	---	---	
	02/27/97		8.73	95.79	---	
	05/30/97		13.49	91.03	17.45	
	07/30/97		15.58	88.94	17.45	
	12/04/97		14.23	90.29	17.43	
	02/17/98		4.52	100.00	17.41	
	05/18/98	8.12	96.40	17.40		

- NOTES: 1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
 2 = Elevation referenced to mean sea level.
 Well Depth³ = Measurement from top of casing to bottom of well.
 4 = Well destroyed.
 5 = Recovery Well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995, and replaced by recovery well RW-3A (total depth 45 feet)
 --- = Not measured/not observed.
 ** = Well has been dry or not listed for sampling since 3/92.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
(Measurements in feet)

Monitoring/ Vapor Extraction Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth ³	Comments
MW-5	02/15/96	104.91	14.14	90.77	---	No free product/no sheen No free product/no sheen
	05/29/96		13.07	91.84	---	
	08/15/96		15.70	89.21	---	
	11/20/96		19.27	85.64	---	
	02/27/97		9.66	95.25	---	
	05/30/97		13.77	91.14	23.97	
	07/30/97		16.17	88.74	23.96	
	12/04/97		17.10	87.81	23.98	
	02/17/98		4.38	100.53	20.71	
05/18/98	7.95	96.96	23.97			
MW-6	02/15/96	107.81	12.16	95.65	---	No free product/no sheen No free product/no sheen No free product/no sheen Well Dry No free product/no sheen
	05/29/96		14.57	93.24	---	
	08/15/96		16.74	91.07	---	
	11/20/96		---	---	---	
	02/27/97		11.82	95.99	---	
	05/30/97		15.65	92.16	20.71	
	07/30/97		17.02	90.79	20.71	
	12/04/97		15.01	92.80	20.70	
	02/17/98		7.01	100.80	20.71	
05/18/98	9.50	98.31	20.71			
MW-7	02/15/96	106.31	9.52	96.79	---	No free product/no sheen No free product/no sheen No free product/no sheen Well Dry No free product/no sheen
	05/29/96		10.72	95.59	---	
	08/15/96		13.89	92.49	---	
	11/20/96		17.64	88.67	---	
	02/27/97		9.54	96.77	---	
	05/30/97		12.85	93.46	21.45	
	07/30/97		15.15	91.16	21.45	
	12/04/97		13.83	92.48	21.45	
	02/17/98		6.44	99.87	21.45	
05/18/98	9.29	97.02	21.46			

- NOTES: 1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth ³ = Measurement from top of casing to bottom of well.
4 = Well destroyed.
5 = Recovery Well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995, and replaced by recovery well RW-3A (total depth 45 feet)
--- = Not measured/not observed.
** = Well has been dry or not listed for sampling since 3/92.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
(Measurements in feet)

Monitoring/ Vapor Extraction Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth ³	Comments
MW-8	02/15/96	106.50	8.61	97.89	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		10.08	96.42	---	
	08/15/96		13.34	93.16	---	
	11/20/96		16.09	90.41	---	
	02/27/97		8.92	97.58	---	
	05/30/97		11.99	94.51	18.45	
	07/30/97		14.36	92.14	18.45	
	12/04/97		8.82	97.68	18.46	
	02/17/98		3.59	102.91	18.46	
05/18/98	8.55	97.95	18.47			
MW-9	02/15/96	106.25	8.87	97.38	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		9.50	96.75	---	
	08/15/96		12.74	93.51	---	
	11/20/96		15.31	90.94	---	
	02/27/97		8.25	98.00	---	
	05/30/97		11.51	94.74	18.59	
	07/30/97		14.13	92.12	18.56	
	12/04/97		12.64	93.61	18.57	
	02/17/98		3.48	102.77	18.57	
05/18/98	7.65	98.60	18.56			
MW-10	02/15/96	106.47	12.05	94.42	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		11.64	94.83	---	
	08/15/96		15.11	91.36	---	
	11/20/96		17.13	89.34	---	
	02/27/97		9.66	96.81	---	
	05/30/97		13.67	92.80	18.42	
	07/30/97		16.04	90.43	18.43	
	12/04/97		15.90	90.57	18.44	
	02/17/98		6.29	100.18	18.42	
05/18/98	9.16	97.31	18.44			
MW-12	05/25/93 ⁴					

- NOTES: 1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth³ = Measurement from top of casing to bottom of well.
4 = Well destroyed.
5 = Recovery Well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995, and replaced by recovery well RW-3A (total depth 45 feet)
--- = Not measured/not observed.
** = Well has been dry or not listed for sampling since 3/92.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
(Measurements in feet)

Monitoring/ Vapor Extraction Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth ³	Comments
MW-13	02/15/96	106.01	8.55	97.46	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		9.42	96.59	---	
	08/15/96		12.63	93.38	---	
	11/20/96		15.21	90.80	---	
	02/27/97		8.16	97.85	---	
	05/30/97		11.45	94.56	24.01	
	07/30/97		14.00	92.01	24.01	
	12/04/97		12.51	93.50	24.02	
	02/17/98		5.19	100.82	24.02	
	05/18/98		8.12	97.89	24.02	
MW-14	02/15/96	106.64	12.83	93.81	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		14.15	92.49	---	
	08/15/96		16.13	90.51	---	
	11/20/96		19.21	87.43	---	
	02/27/97		11.40	95.24	---	
	05/30/97		15.40	91.60	39.56	
	07/30/97		17.26	89.38	39.57	
	12/04/97		16.38	90.26	39.58	
	02/17/98		6.83	99.81	39.58	
	05/18/98		10.24	96.40	39.58	
MW-15	02/15/96	105.12	15.82	89.30	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		13.60	91.52	---	
	08/15/96		16.47	88.65	---	
	11/20/96		19.73	85.39	---	
	02/27/97		12.22	92.90	---	
	05/30/97		15.14	89.98	44.32	
	07/30/97		17.56	87.56	44.32	
	12/04/97		18.56	86.56	44.33	
	02/17/98		8.91	96.21	44.31	
	05/18/98		10.12	95.00	44.30	

- NOTES: 1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth ³ = Measurement from top of casing to bottom of well.
4 = Well destroyed.
5 = Recovery Well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995, and replaced by recovery well RW-3A (total depth 45 feet)
--- = Not measured/not observed.
** = Well has been dry or not listed for sampling since 3/92.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
(Measurements in feet)

Monitoring/ Vapor Extraction Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth ³	Comments
MW-16	02/15/96	104.92	13.50	91.42	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		11.56	93.36	---	
	08/15/96		14.84	90.08	---	
	11/20/96		18.15	86.77	---	
	02/27/97		10.97	93.95	---	
	05/30/97		13.84	91.08	35.20	
	07/30/97		15.82	89.10	35.21	
	12/04/97		14.41	90.51	35.21	
	02/17/98		8.23	96.69	35.24	
05/18/98	8.48	96.44	35.23			
MW-17	02/15/96	103.01	13.91	89.10	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		14.17	88.84	---	
	08/15/96		16.75	86.26	---	
	11/20/96		18.93	84.08	---	
	02/27/97		10.85	92.16	---	
	05/30/97		14.33	88.68	39.10	
	07/30/97		17.03	85.98	39.11	
	12/04/97		15.02	87.99	39.10	
	02/17/98		7.12	95.89	39.07	
05/18/98	9.60	93.41	39.08			
MW-18	02/15/96	108.35	12.56	95.79	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		13.90	94.45	---	
	08/15/96		16.81	91.54	---	
	11/20/96		20.54	87.81	---	
	02/27/97		12.33	96.02	---	
	05/30/97		15.71	92.64	42.36	
	07/30/97		18.06	90.29	42.37	
	12/04/97		16.32	92.03	42.38	
	02/17/98		9.20	99.15	42.38	
05/18/98	12.03	96.32	42.36			

- NOTES: 1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth ³ = Measurement from top of casing to bottom of well.
4 = Well destroyed.
5 = Recovery Well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995, and replaced by recovery well RW-3A (total depth 45 feet)
--- = Not measured/not observed.
** = Well has been dry or not listed for sampling since 3/92.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
(Measurements in feet)

Monitoring/ Vapor Extraction Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth ³	Comments
MW-19	02/15/96	106.43	8.56	97.87	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		10.21	96.22	---	
	08/15/96		13.25	93.18	---	
	11/20/96		16.36	90.07	---	
	02/27/97		9.56	96.87	---	
	05/30/97		12.04	94.39	39.92	
	07/30/97		14.37	92.06	39.91	
	12/04/97		13.78	92.65	39.93	
	02/17/98		6.03	100.40	39.92	
	05/18/98		8.85	97.58	39.96	
MW-20	02/15/96	105.91	10.47	95.44	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		10.35	95.56	---	
	08/15/96		13.67	92.24	---	
	11/20/96		15.85	90.06	---	
	02/27/97		8.79	97.12	---	
	05/30/97		12.30	93.61	33.29	
	07/30/97		14.84	91.07	33.27	
	12/04/97		14.01	91.90	33.27	
	02/17/98		5.64	100.27	33.27	
	05/18/98		8.36	97.55	33.28	
RW-1	02/15/96	105.17	15.13	90.04	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		13.77	91.40	---	
	08/15/96		16.53	88.64	---	
	11/20/96		19.81	85.36	---	
	02/27/97		10.12	95.05	---	
	05/30/97		14.62	90.55	35.20	
	07/30/97		16.95	88.22	35.22	
	12/04/97		16.21	88.96	35.23	
	02/17/98		6.19	98.98	35.23	
	05/18/98		8.85	96.32	35.21	

- NOTES: 1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth ³ = Measurement from top of casing to bottom of well.
4 = Well destroyed.
5 = Recovery Well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995, and replaced by recovery well RW-3A (total depth 45 feet)
--- = Not measured/not observed.
** = Well has been dry or not listed for sampling since 3/92.

TABLE 1
GROUND WATER ELEVATION DATA
 BEACON STATION #700
 7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
 (Measurements in feet)

Monitoring/ Vapor Extraction Well	Date	Reference Elevation (top of casing) ¹	Depth to Ground Water ¹	Ground Water Elevation ²	Well Depth ³	Comments
RW-2	02/15/96	105.22	20.94	84.28	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		54.66	50.56	---	
	08/15/96		18.31	86.91	---	
	11/20/96		22.02	83.20	---	
	02/27/97		11.95	93.27	---	
	05/30/97		16.24	88.98	65.61	
	07/30/97		18.66	86.56	65.61	
	12/04/97		17.89	87.33	65.60	
	02/17/98		4.72	100.50	65.60	
	05/18/98		10.71	94.51	65.64	
RW-3	02/27/95 ⁵					
RW-3A	02/15/96	105.72	10.25	95.47	---	No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen No free product/no sheen
	05/29/96		11.23	94.49	---	
	08/15/96		13.97	91.75	---	
	11/20/96		16.90	88.82	---	
	02/27/97		8.80	96.92	---	
	05/30/97		12.47	93.25	38.89	
	07/30/97		14.93	90.79	38.87	
	12/04/97		13.42	92.30	38.88	
	02/17/98		4.81	100.91	38.82	
	05/18/98		8.59	97.13	38.82	

- NOTES: 1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
 2 = Elevation referenced to mean sea level.
 Well Depth³ = Measurement from top of casing to bottom of well.
 4 = Well destroyed.
 5 = Recovery Well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995, and replaced by recovery well RW-3A (total depth 45 feet)
 --- = Not measured/not observed.
 ** = Well has been dry or not listed for sampling since 3/92.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
 (All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organic Compounds				
		Gasoline	MTBE ¹	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-1	05/27/93 ²						
MW-2	02/15/96	2,400*	NA	<2.5	<2.5	<2.5	<2.5
	05/29/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	1,300*	NA	<1.3	<1.3	<1.3	<1.3
	08/15/96	11,000	20,000	<50	<50	<50	<50
	11/20/96	9,500	13,000	<50	<50	<50	<50
	02/27/97	7,700	13,000	<13	<13	<13	<13
	05/30/97	<5,000	14,000	<50	<50	<50	<50
	07/30/97	<5,000	14,000	<50	54	<50	88
	12/04/97	48,000	3,900	<50	<50	<50	<50
	02/17/98	4,400	5,400	<50	<50	<50	<50
05/18/98	<5,000	12,000	<50	<50	<50	<50	
MW-3	02/15/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	<50	8.9	<0.5	<0.5	<0.5	<0.5
	11/20/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	05/30/97	<1,000	1,600	<10	<10	<10	<10
	07/30/97	<1,000	6,100	<10	<10	<10	<10
	12/04/97 ⁵						
	02/17/98	<1,000	2,200	<10	<10	<10	<10
	05/18/98 ⁵						
MW-4	02/15/96	210	NA	11	1	1.1	63
	05/29/96	<50	NA	1.9	<0.5	<0.5	1.1
	08/15/96	<50	7.6	2.4	<0.5	<0.5	1.5
	11/20/96	NS	NA	NS	NS	NS	NS
	02/27/97	<50	<5.0	0.68	<0.5	<0.5	<0.5
	05/30/97	<50	5.8	0.81	3.7	<0.50	0.78
	07/30/97	65	9.2	0.52	0.96	<0.50	0.85
	12/04/97 ⁵						
	02/17/98	71	<5.0	<0.50	<0.50	<0.50	1.3
	05/18/98 ⁵						
MW-5	02/15/96	<50	NA	0.58	<0.5	<0.5	<0.5
	05/29/96	<50	NA	0.65	<0.5	<0.5	<0.5
	08/15/96	<50	<5.0	1.5	<0.5	<0.5	<0.5
	11/20/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	<5.0	0.53	<0.50	<0.50	<0.50
	07/30/97	<50	<5.0	0.85	<0.50	<0.50	<0.50
	12/04/97	16,000	<25	<2.5	11	<2.5	99
	02/17/98	110	20	<0.50	0.58	<0.50	<0.50
	05/18/98	170	<5.0	0.67	<0.50	<0.50	<0.50

MTBE¹ = Methyl-Tertiary-Butyl Ether.

² = Well Destroyed.

< = Below indicated detection limit.

NA = Not Analyzed.

NS = Not Sampled.

* = Product is not typical gasoline.

³ = Not Sampled; Well Casing Bent.

⁴ = Recovery well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995 and replaced by recovery well RW-3A (total depth 45 feet).

⁵ = Well Not Sampled on This Date.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
 (All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organic Compounds				
		Gasoline	MTBE ¹	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-6	02/15/96 ³						
	05/29/96 ³						
	08/15/96 ³						
	11/20/96 ³						
	02/27/97	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	07/30/97 ³						
	12/04/97 ³						
	02/17/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50
05/18/98 ⁵							
MW-7	02/15/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	<50	6.8	<0.5	<0.5	<0.5	<0.5
	11/20/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	13	<0.50	<0.50	<0.50	<0.50
	07/30/97	<50	23	<0.50	<0.50	<0.50	<0.50
	12/04/97 ⁵						
	02/17/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50
05/18/98 ⁵							
MW-8	02/15/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	67*	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	220	520	<0.5	<0.5	<0.5	<0.5
	11/20/96	5,100	8,600	<13	<13	<13	<13
	02/27/97	130	510	<0.5	<0.5	<0.5	<0.5
	05/30/97	130	75	<0.50	<0.50	<0.50	1.2
	07/30/97	<50	<5.0	0.57	<0.50	<0.50	<0.50
	12/04/97	<50	12	<0.50	<0.50	<0.50	<0.50
	02/17/98	<2,500	23,000	<25	<25	<25	32
05/18/98	<50	1,100	<0.50	<0.50	<0.50	<0.50	
MW-9	02/15/96	96*	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	100*	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	110	460	<0.5	<0.5	<0.5	<0.5
	11/20/96	<50	15	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	6.5	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	130	<0.50	<0.50	<0.50	<0.50
	07/30/97	<50	93	<0.50	<0.50	<0.50	<0.50
	12/04/97 ⁵						
	02/17/98	56	<5.0	<0.50	<0.50	<0.50	<0.50
05/18/98 ⁵							

- MTBE¹ = Methyl-Tertiary-Butyl Ether.
- ² = Well Destroyed.
- < = Below indicated detection limit.
- NA = Not Analyzed.
- NS = Not Sampled.
- * = Product is not typical gasoline.
- ³ = Not Sampled; Well Casing Bent.
- ⁴ = Recovery well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995 and replaced by recovery well RW-3A (total depth 45 feet).
- ⁵ = Well Not Sampled on This Date.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
 (All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organic Compounds				
		Gasoline	MTBE ¹	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-10	02/15/96	1,500	NA	20	0.76	30	120
	05/29/96	380	NA	2.7	<0.5	2.3	5.5
	08/15/96	1,100	<5.0	6.2	0.97	9.1	25
	11/20/96	830	<5.0	5.9	1.5	4	6.4
	02/27/97	350	<5.0	4	<0.5	0.53	2
	05/30/97	1,200	<5.0	2	1.8	5.7	11
	07/30/97	980	<5.0	1.4	1.6	5.1	15
	12/04/97	25,000	<25	<2.5	16	14	61
	02/17/98	3,000	26	26	2.9	54	270
05/18/98	210	6.2	1.4	<0.50	1.7	14	
MW-13	02/15/96	230*	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	<50	24	<0.5	<0.5	<0.5	<0.5
	11/20/96	<50	12	<0.5	<0.5	<0.5	0.6
	02/27/97	220	16,000	3.5	<0.5	<0.5	<0.5
	05/30/97	300	330	<1.0	<1.0	<1.0	<1.0
	07/30/97	<50	440	<1.0	<1.0	<1.0	<1.0
	12/04/97	<100	54	<1.0	<1.0	<1.0	<1.0
	02/17/98	<2,500	20,000	<25	<25	<25	<25
05/18/98	<50	670	<0.50	<0.50	<0.50	<0.50	
MW-14	02/15/96	53,000	NA	11,000	8,900	950	9,900
	05/29/96	340,000	NA	13,000	11,000	4,700	24,000
	08/15/96	65,000	<1,300	15,000	7,500	970	10,000
	11/20/96	150,000	<1,300	15,000	6,000	3,100	14,000
	02/27/97	75,000	<1,300	4,200	5,600	2,200	11,000
	05/30/97	66,000	3,200	13,000	3,100	1,900	6,400
	07/30/97	100,000	4,800	9,200	3,700	3,000	12,000
	12/04/97	10,000	1,400	110	53	730	4,200
	02/17/98	31,000	7,100	1,900	1,400	580	5,300
05/18/98	<1,000	15,000	61	<10	34	170	
MW-15	02/15/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	11/20/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	07/30/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/04/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	02/17/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50
05/18/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50	

- MTBE¹ = Methyl-Tertiary-Butyl Ether.
 2 = Well Destroyed.
 < = Below indicated detection limit.
 NA = Not Analyzed.
 NS = Not Sampled.
 * = Product is not typical gasoline.
 3 = Not Sampled; Well Casing Bent.
 4 = Recovery well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995 and replaced by recovery well RW-3A (total depth 45 feet).
 5 = Well Not Sampled on This Date.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organic Compounds				
		Gasoline	MTBE ¹	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-16	02/15/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	60	<5.0	<0.5	<0.5	<0.5	<0.5
	11/20/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	07/30/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/04/97 ⁵						
	02/17/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50
05/18/98 ⁵							
MW-17	02/15/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	11/20/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	07/30/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/04/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	02/17/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50
05/18/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50	
MW-18	02/15/96	110*	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	62*	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	97	180	<0.5	<0.5	<0.5	<0.5
	11/20/96	150	310	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	53	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	200	<0.50	<0.50	<0.50	<0.50
	07/30/97	<50	400	<0.50	<0.50	<0.50	<0.50
	12/04/97	<50	32	<0.50	<0.50	<0.50	<0.50
	02/17/98	<50	350	<0.50	<0.50	<0.50	<0.50
05/18/98	<50	250	<0.50	<0.50	<0.50	<0.50	
MW-19	02/15/96	1,400*	NA	40	37	<1.3	6.4
	05/29/96	990*	NA	<5.0	<5.0	<5.0	<5.0
	08/15/96	1,100	1,400	<2.5	<2.5	<2.5	<2.5
	11/20/96	1,000	1,600	<5.0	<5.0	<5.0	<5.0
	02/27/97	4,500	8,200	<13	<13	<13	<13
	05/30/97	<1,000	6,300	<10	<10	<10	<10
	07/30/97	<1,000	6,200	<10	<10	<10	<10
	12/04/97	<1,000	2,500	<10	<10	<10	<10
	02/17/98	<25,000	120,000	<250	<250	<250	<250
05/18/98	<25,000	85,000	<250	<250	<250	<250	

MTBE¹ = Methyl-Tertiary-Butyl Ether.

² = Well Destroyed.

< = Below indicated detection limit.

NA = Not Analyzed.

NS = Not Sampled.

* = Product is not typical gasoline.

³ = Not Sampled; Well Casing Bent.

⁴ = Recovery well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995 and replaced by recovery well RW-3A (total depth 45 feet).

⁵ = Well Not Sampled on This Date.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #700
7898 OLD REDWOOD HIGHWAY, COTATI, CALIFORNIA
 (All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organic Compounds				
		Gasoline	MTBE ¹	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-20	02/15/96	390	NA	1.3	<0.5	13	28
	05/29/96	310	NA	2.6	1.3	11	18
	08/15/96	<50	<5.0	<0.5	<0.5	0.76	2
	11/20/96	<50	<5.0	<0.5	<0.5	0.55	1.7
	02/27/97	110	<5.0	<0.5	<0.5	2.1	1.9
	05/30/97	160	<5.0	<0.50	<0.50	3.7	5.7
	07/30/97	<50	<5.0	<0.50	<0.50	1.2	2.2
	12/04/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	02/17/98	180	<5.0	<0.50	<0.50	3.9	4.6
	05/18/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50
RW-1	02/15/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	05/29/96	<50	NA	<0.5	1.4	<0.5	<0.5
	08/15/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	11/20/96	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	02/27/97	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	05/30/97	<50	<5.0	<0.50	0.89	<0.50	<0.50
	07/30/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/04/97 ⁵	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	02/17/98	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	05/18/98 ⁵	<50	<5.0	<0.50	<0.50	<0.50	<0.50
RW-2	02/15/96	57	NA	7	<0.5	<0.5	1.8
	05/29/96	<50	NA	<0.5	<0.5	<0.5	<0.5
	08/15/96	<50	18	17	<0.5	<0.5	4
	11/20/96	70	24	16	0.53	2	3.4
	02/27/97	<50	20	<0.5	<0.5	<0.5	<0.5
	05/30/97	4,500	300	450	76	28	510
	07/30/97	5,300	350	370	63	180	650
	12/04/97	<50	54	<0.50	<0.50	<0.50	<0.50
	02/17/98	<50	46	<0.50	<0.50	<0.50	<0.50
	05/18/98	<50	84	<0.50	<0.50	<0.50	<0.50
RW-3	02/27/95 ⁴						
RW-3A	02/15/96	10,000	NA	120	<13	<13	810
	05/29/96	9,900*	NA	220	65	31	1,200
	08/15/96	18,000	26,000	<50	<50	<50	<50
	11/20/96	15,000	27,000	130	24	270	1,500
	02/27/97	16,000	21,000	82	<25	100	450
	05/30/97	<5,000	11,000	78	62	90	320
	07/30/97	<5,000	20,000	120	<50	200	630
	12/04/97	<5,000	20,000	<50	<50	<50	<50
	02/17/98	3,600	10,000	<50	<50	<50	<50
	05/18/98	<5,000	17,000	66	<50	<50	150

MTBE¹ = Methyl-Tertiary-Butyl Ether.
² = Well Destroyed.
 < = Below indicated detection limit.
 NA = Not Analyzed.
 NS = Not Sampled.
 * = Product is not typical gasoline.
³ = Not Sampled; Well Casing Bent.
⁴ = Recovery well RW-3 (total depth 35 feet) was overdrilled on May 13, 1995 and replaced by recovery well RW-3A (total depth 45 feet).
⁵ = Well Not Sampled on This Date.

ENCLOSURE E

Remediation System Analytical Results

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 2 Water Samples
Project Name : Tesoro Station 67062
Project Number : 67062
P.O. Number : 67062

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Joel Kiff



Report Number : 43431

Date : 4/29/2005

Subject : 2 Water Samples
Project Name : Tesoro Station 67062
Project Number : 67062
P.O. Number : 67062

Case Narrative

Matrix Spike/Matrix Spike Duplicate Results associated with sample GW-Inf for the analyte Methyl-t-butyl ether were affected by the analyte concentrations already present in the un-spiked sample.

Approved By:

A handwritten signature in black ink, appearing to read "Joel Kiff", is written over the printed name "Joel Kiff".

Joel Kiff



Report Number : 43431

Date : 4/29/2005

Project Name : Tesoro Station 67062

Project Number : 67062

Sample : GW-Inf

Matrix : Water

Lab Number : 43431-01

Sample Date :4/25/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	38	1.0	ug/L	EPA 8260B	4/27/2005
Toluene	2.6	1.0	ug/L	EPA 8260B	4/27/2005
Ethylbenzene	3.6	1.0	ug/L	EPA 8260B	4/27/2005
Total Xylenes	19	1.0	ug/L	EPA 8260B	4/27/2005
Methyl-t-butyl ether (MTBE)	430	1.0	ug/L	EPA 8260B	4/27/2005
Diisopropyl ether (DIPE)	< 1.0	1.0	ug/L	EPA 8260B	4/27/2005
Ethyl-t-butyl ether (ETBE)	< 1.0	1.0	ug/L	EPA 8260B	4/27/2005
Tert-amyl methyl ether (TAME)	< 1.0	1.0	ug/L	EPA 8260B	4/27/2005
Tert-Butanol	2500	5.0	ug/L	EPA 8260B	4/27/2005
TPH as Gasoline	1100	100	ug/L	EPA 8260B	4/27/2005
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	4/27/2005
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	4/27/2005

Approved By:

Joel Kiff



Report Number : 43431

Date : 4/29/2005

Project Name : Tesoro Station 67062

Project Number : 67062

Sample : GW-Eff

Matrix : Water

Lab Number : 43431-02

Sample Date :4/25/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Methyl-t-butyl ether (MTBE)	1.8	0.50	ug/L	EPA 8260B	4/27/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Tert-Butanol	97	5.0	ug/L	EPA 8260B	4/27/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/27/2005
Toluene - d8 (Surr)	97.0		% Recovery	EPA 8260B	4/27/2005
4-Bromofluorobenzene (Surr)	112		% Recovery	EPA 8260B	4/27/2005

Approved By:  Joel Kiff

Report Number : 43431

Date : 4/29/2005

QC Report : Method Blank Data

Project Name : **Tesoro Station 67062**

Project Number : **67062**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	4/27/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/27/2005
Toluene - d8 (Surr)	99.2		%	EPA 8260B	4/27/2005
4-Bromofluorobenzene (Surr)	107		%	EPA 8260B	4/27/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	4/27/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	4/27/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/27/2005
Toluene - d8 (Surr)	83.6		%	EPA 8260B	4/27/2005
4-Bromofluorobenzene (Surr)	91.3		%	EPA 8260B	4/27/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
-----------	----------------	------------------------	-------	-----------------	---------------

Approved By:

Joel Kiff



KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 43431

Date : 4/29/2005

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Tesoro Station 67062**

Project Number : **67062**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	43426-01	<0.50	40.0	40.0	39.9	36.6	ug/L	EPA 8260B	4/27/05	99.7	91.4	8.65	70-130	25
Toluene	43426-01	<0.50	40.0	40.0	40.3	37.2	ug/L	EPA 8260B	4/27/05	101	92.9	8.09	70-130	25
Tert-Butanol	43426-01	<5.0	200	200	210	195	ug/L	EPA 8260B	4/27/05	105	97.5	7.30	70-130	25
Methyl-t-Butyl Ether	43426-01	<0.50	40.0	40.0	39.1	36.4	ug/L	EPA 8260B	4/27/05	97.8	91.0	7.15	70-130	25
Benzene	43414-07	1.8	40.0	40.0	38.8	38.3	ug/L	EPA 8260B	4/27/05	92.6	91.4	1.36	70-130	25
Toluene	43414-07	1.2	40.0	40.0	42.2	41.8	ug/L	EPA 8260B	4/27/05	102	101	1.21	70-130	25
Tert-Butanol	43414-07	17	200	200	213	215	ug/L	EPA 8260B	4/27/05	98.0	99.1	1.05	70-130	25
Methyl-t-Butyl Ether	43414-07	96	40.0	40.0	148	150	ug/L	EPA 8260B	4/27/05	131	136	4.02	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 43431

Date : 4/29/2005

QC Report : Laboratory Control Sample (LCS)

Project Name : **Tesoro Station 67062**

Project Number : **67062**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	4/27/05	94.5	70-130
Toluene	40.0	ug/L	EPA 8260B	4/27/05	96.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/27/05	96.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/27/05	99.7	70-130
Benzene	40.0	ug/L	EPA 8260B	4/27/05	99.5	70-130
Toluene	40.0	ug/L	EPA 8260B	4/27/05	113	70-130
Tert-Butanol	200	ug/L	EPA 8260B	4/27/05	96.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	4/27/05	88.4	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:


Joel Kiff



Analysis Summary

Report Number : 43431

Date : 4/29/2005

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name : Tesoro Station 67062
Project Number : 67062

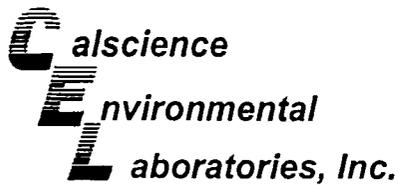
Sample Name		GW-Inf		GW-Eff		
Sample Date		4/25/2005		4/25/2005		
Analyte	Method	Units	MRL	Results	#MRL	#Results
Benzene	EPA 8260B	ug/L	1.0	38	0.50	ND
Toluene	EPA 8260B	ug/L	1.0	2.6	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	1.0	3.6	0.50	ND
Total Xylenes	EPA 8260B	ug/L	1.0	19	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	1.0	430	0.50	1.8
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	1.0	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	1.0	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	1.0	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	2500	5.0	97
TPH as Gasoline	EPA 8260B	ug/L	100	1100	50	ND
Toluene - d8 (Surr)	EPA 8260B	%		98.6		97.0
4-Bromofluorobenzene (Surr)	EPA 8260B	%		100		112

MRL = Method Reporting Limit
ND = Not Detected

Approved By,

Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236



April 29, 2005

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 05-04-1615**
Client Reference: **Tesoro Station 67062**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/27/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

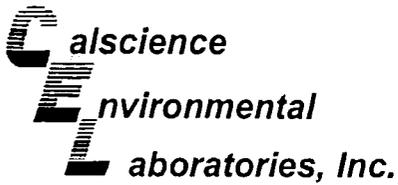
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Nowak', is written over the 'Sincerely,' text.

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

A handwritten signature or mark in black ink is located at the bottom left of the page, below the footer information.



Analytical Report

Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: 04/27/05
 Work Order No: 05-04-1615
 Preparation: EPA 3010A Total
 Method: EPA 6010B
 Units: mg/L

Project: Tesoro Station 67062

Page 1 of 1

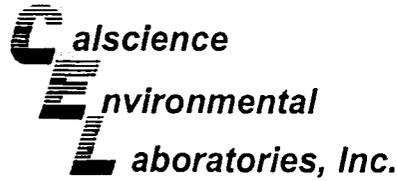
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GW-Eff	05-04-1615-1	04/25/05	Aqueous	04/27/05	04/28/05	050427L11

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Copper	0.0104	0.0050	1		Zinc	0.0317	0.0100	1	
Lead	ND	0.0100	1						

Method Blank	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	097-01-003-4,817	N/A	Aqueous	04/27/05	04/27/05	050427L11

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate

Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: 04/27/05
 Work Order No: 05-04-1615
 Preparation: EPA 3010A Total
 Method: EPA 6010B

Project Tesoro Station 67062

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GW-Eff	Aqueous	ICP 3300	04/27/05	04/28/05	050427S11

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Copper	100	100	80-120	0	0-20	
Lead	106	106	80-120	0	0-20	
Zinc	108	108	80-120	1	0-20	

RPD - Relative Percent Difference . CL - Control Limit

Calscience
Environmental Laboratories, Inc. Quality Control - Laboratory Control Sample



Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: N/A
 Work Order No: 05-04-1615
 Preparation: EPA 3010A Total
 Method: EPA 6010B

Project: Tesoro Station 67062

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-4,817	Aqueous	ICP 3300	04/27/05	050426-I-10	050427L11

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Copper	1.00	0.959	96	80-120	
Lead	1.00	1.05	105	80-120	
Zinc	1.00	1.06	106	80-120	

RPD - Relative Percent Difference . CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501



Work Order Number: 05-04-1615

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No. 145 Page 1 of 1

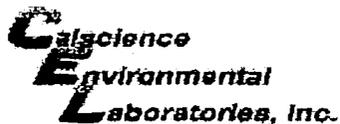
Project Contact (Hardcopy or PDF to): Joel Kiff	GeoTracker COELT EDD REPORT? __ YES __ X NO	Chain-of-Custody Record and Analysis Request
---	--	--

Company/Address: Kiff Analytical, LLC	Sampling Company Log Code:	Analysis Request	Date Due:
Phone No.:	Global ID:		
Project Number: 67062	EDF Deliverable to (Email Address):		
FAX No.:			

Project Name: Tesoro Station 67062	E-mail address: inbox@kiffanalytical.com
--	--

Sample Designation	Sampling		Container					Preservative				Matrix			Pb, Zn, Cu	Date Due	For Lab Use Only
	Date	Time	Poly	Amber	Sleeve	Tedlar	H ₂ SO ₄	HNO ₃	ICE	NONE	WATER	SOIL	AIR				
GW-Eff	4/25/05	6:18	1				X	X			X			X			

Relinquished by: <i>[Signature]</i>	Date <i>04/26/05</i>	Time <i>19:00</i>	Received by:	Remarks:
Relinquished by:	Date	Time	Received by:	
Relinquished by: <i>CO</i>	Date <i>4/27/05</i>	Time <i>8:15</i>	Received by Laboratory: <i>[Signature]</i>	
Bill to:				



WORK ORDER #:

05 - 04 - 1615

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL

DATE: 4-27-05

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 4.1 C Temperature blank.
C IR thermometer.
Ambient temperature.

Initial: WVB

CUSTODY SEAL INTACT:

Sample(s): Cooler: No (Not Intact): Not Applicable (N/A):

Initial: WVB

SAMPLE CONDITION:

Table with 4 columns: Item, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sample container label(s), Sample container(s) intact, Correct containers for analyses, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: WVB

COMMENTS:

Multiple horizontal lines for handwritten comments.



2795 2nd Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Project Contact (Hardcopy or PDF To): *Shelley Munsch*

California EDF Report? Yes No
Recommended but not mandatory to complete this section.

Chain-of-Custody Record and Analysis Request

Company/Address: *RPM Environmental*

Phone No.: (916) 415-1134 (916) 415-1154
 FAX No.: 67062
 Project Number: 67062
 Project Name: *Station 67062*

EDF Deliverable To (Email Address): *[Signature]*

Sample Signature: *[Signature]*

Project Address: *Cotati CA*

Sample Designation: *GW-Inf*

Date: *4/2/05 6:20*

Time: *2*

40 ml VOA

SLEEVE

Container: *PLC*

Preservative

Matrix

SOIL

WATER

ICE

HNO₃

HCl

NONE

TPH as Motor Oil (M8015)

TPH as Diesel (M8015)

BTEX (8021B)

BTEX/TPH Gas/MTBE (8021B/M8015)

TPH Gas/BTEX/MTBE (8260B)

5 Oxygenates/TPH Gas/BTEX (8260B)

7 Oxygenates/TPH Gas/BTEX (8260B)

5 Oxygenates (8260B)

7 Oxygenates (8260B)

Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)

EPA 8280B (Full List)

Volatile Halocarbons (EPA 8260B)

Lead (7421/236,2) TOTAL (X) W.E.T. (X)

12 hr/24 hr/48 hr/72 hr/1 wk

For Lab Use Only

TAT

Analysis Request

Project Contact (Hardcopy or PDF To): *Shelley Munsch*

Company/Address: *RPM Environmental*

Phone No.: (916) 415-1134 (916) 415-1154
 FAX No.: 67062
 Project Number: 67062
 Project Name: *Station 67062*

EDF Deliverable To (Email Address): *[Signature]*

Sample Signature: *[Signature]*

Project Address: *Cotati CA*

Sample Designation: *GW-Inf*

Date: *4/2/05 6:18*

Time: *2*

40 ml VOA

SLEEVE

Container: *PLC*

Preservative

Matrix

SOIL

WATER

ICE

HNO₃

HCl

NONE

TPH as Motor Oil (M8015)

TPH as Diesel (M8015)

BTEX (8021B)

BTEX/TPH Gas/MTBE (8021B/M8015)

TPH Gas/BTEX/MTBE (8260B)

5 Oxygenates/TPH Gas/BTEX (8260B)

7 Oxygenates/TPH Gas/BTEX (8260B)

5 Oxygenates (8260B)

7 Oxygenates (8260B)

Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)

EPA 8280B (Full List)

Volatile Halocarbons (EPA 8260B)

Lead (7421/236,2) TOTAL (X) W.E.T. (X)

12 hr/24 hr/48 hr/72 hr/1 wk

For Lab Use Only

TAT

Analysis Request

Project Contact (Hardcopy or PDF To): *Shelley Munsch*

Company/Address: *RPM Environmental*

Phone No.: (916) 415-1134 (916) 415-1154
 FAX No.: 67062
 Project Number: 67062
 Project Name: *Station 67062*

EDF Deliverable To (Email Address): *[Signature]*

Sample Signature: *[Signature]*

Project Address: *Cotati CA*

Sample Designation: *GW-Inf*

Date: *4/2/05 6:18*

Time: *2*

40 ml VOA

SLEEVE

Container: *PLC*

Preservative

Matrix

SOIL

WATER

ICE

HNO₃

HCl

NONE

TPH as Motor Oil (M8015)

TPH as Diesel (M8015)

BTEX (8021B)

BTEX/TPH Gas/MTBE (8021B/M8015)

TPH Gas/BTEX/MTBE (8260B)

5 Oxygenates/TPH Gas/BTEX (8260B)

7 Oxygenates/TPH Gas/BTEX (8260B)

5 Oxygenates (8260B)

7 Oxygenates (8260B)

Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)

EPA 8280B (Full List)

Volatile Halocarbons (EPA 8260B)

Lead (7421/236,2) TOTAL (X) W.E.T. (X)

12 hr/24 hr/48 hr/72 hr/1 wk

For Lab Use Only

TAT

Analysis Request

Project Contact (Hardcopy or PDF To): *Shelley Munsch*

Company/Address: *RPM Environmental*

Phone No.: (916) 415-1134 (916) 415-1154
 FAX No.: 67062
 Project Number: 67062
 Project Name: *Station 67062*

EDF Deliverable To (Email Address): *[Signature]*

Sample Signature: *[Signature]*

Project Address: *Cotati CA*

Sample Designation: *GW-Inf*

Date: *4/2/05 6:18*

Time: *2*

40 ml VOA

SLEEVE

Container: *PLC*

Preservative

Matrix

SOIL

WATER

ICE

HNO₃

HCl

NONE

TPH as Motor Oil (M8015)

TPH as Diesel (M8015)

BTEX (8021B)

BTEX/TPH Gas/MTBE (8021B/M8015)

TPH Gas/BTEX/MTBE (8260B)

5 Oxygenates/TPH Gas/BTEX (8260B)

7 Oxygenates/TPH Gas/BTEX (8260B)

5 Oxygenates (8260B)

7 Oxygenates (8260B)

Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)

EPA 8280B (Full List)

Volatile Halocarbons (EPA 8260B)

Lead (7421/236,2) TOTAL (X) W.E.T. (X)

12 hr/24 hr/48 hr/72 hr/1 wk

For Lab Use Only

TAT

Analysis Request

Project Contact (Hardcopy or PDF To): *Shelley Munsch*

Company/Address: *RPM Environmental*

Phone No.: (916) 415-1134 (916) 415-1154
 FAX No.: 67062
 Project Number: 67062
 Project Name: *Station 67062*

EDF Deliverable To (Email Address): *[Signature]*

Sample Signature: *[Signature]*

Project Address: *Cotati CA*

Sample Designation: *GW-Inf*

Date: *4/2/05 6:18*

Time: *2*

40 ml VOA

SLEEVE

Container: *PLC*

Preservative

Matrix

SOIL

WATER

ICE

HNO₃

HCl

NONE

TPH as Motor Oil (M8015)

TPH as Diesel (M8015)

BTEX (8021B)

BTEX/TPH Gas/MTBE (8021B/M8015)

TPH Gas/BTEX/MTBE (8260B)

5 Oxygenates/TPH Gas/BTEX (8260B)

7 Oxygenates/TPH Gas/BTEX (8260B)

5 Oxygenates (8260B)

7 Oxygenates (8260B)

Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)

EPA 8280B (Full List)

Volatile Halocarbons (EPA 8260B)

Lead (7421/236,2) TOTAL (X) W.E.T. (X)

12 hr/24 hr/48 hr/72 hr/1 wk

For Lab Use Only

TAT

Analysis Request

Project Contact (Hardcopy or PDF To): *Shelley Munsch*

Company/Address: *RPM Environmental*

Phone No.: (916) 415-1134 (916) 415-1154
 FAX No.: 67062
 Project Number: 67062
 Project Name: *Station 67062*

EDF Deliverable To (Email Address): *[Signature]*

Sample Signature: *[Signature]*

Project Address: *Cotati CA*

Sample Designation: *GW-Inf*

Date: *4/2/05 6:18*

Time: *2*

40 ml VOA

SLEEVE

Container: *PLC*

Preservative

Matrix

SOIL

WATER

ICE

HNO₃

HCl

NONE

TPH as Motor Oil (M8015)

TPH as Diesel (M8015)

BTEX (8021B)

BTEX/TPH Gas/MTBE (8021B/M8015)

TPH Gas/BTEX/MTBE (8260B)

5 Oxygenates/TPH Gas/BTEX (8260B)

7 Oxygenates/TPH Gas/BTEX (8260B)

5 Oxygenates (8260B)

7 Oxygenates (8260B)

Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)

EPA 8280B (Full List)

Volatile Halocarbons (EPA 8260B)

Lead (7421/236,2) TOTAL (X) W.E.T. (X)

12 hr/24 hr/48 hr/72 hr/1 wk

For Lab Use Only

TAT

Analysis Request

Project Contact (Hardcopy or PDF To): *Shelley Munsch*

Company/Address: *RPM Environmental*

Phone No.: (916) 415-1134 (916) 415-1154
 FAX No.: 67062
 Project Number: 67062
 Project Name: *Station 67062*

EDF Deliverable To (Email Address): *[Signature]*

Sample Signature: *[Signature]*

Project Address: *Cotati CA*

Sample Designation: *GW-Inf*

Date: *4/2/05 6:18*

Time: *2*

40 ml VOA

SLEEVE

Container: *PLC*

Preservative

Matrix

SOIL

WATER

ICE

HNO₃

HCl

NONE

TPH as Motor Oil (M8015)

TPH as Diesel (M8015)

BTEX (8021B)

BTEX/TPH Gas/MTBE (8021B/M8015)

TPH Gas/BTEX/MTBE (8260B)

5 Oxygenates/TPH Gas/BTEX (8260B)

7 Oxygenates/TPH Gas/BTEX (8260B)

5 Oxygenates (8260B)

7 Oxygenates (8260B)

Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)

EPA 8280B (Full List)

Volatile Halocarbons (EPA 8260B)

Lead (7421/236,2) TOTAL (X) W.E.T. (X)

12 hr/24 hr/48 hr/72 hr/1 wk

For Lab Use Only

TAT

Analysis Request

Project Contact (Hardcopy or PDF To): *Shelley Munsch*

Company/Address: *RPM Environmental*

Phone No.: (916) 415-1134 (916) 415-1154
 FAX No.: 67062
 Project Number: 67062
 Project Name: *Station 67062*

EDF Deliverable To (Email Address): *[Signature]*

Sample Signature: *[Signature]*

Project Address: *Cotati CA*

Sample Designation: *GW-Inf*

Date: *4/2/05 6:18*

Time: *2*

40 ml VOA

SLEEVE



Report Number : 43749

Date : 5/16/2005

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 2 Water Samples
Project Name : Tesoro Station 67062
Project Number : 67062
P.O. Number : 67062

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Joel Kiff



Report Number : 43749

Date : 5/16/2005

Subject : 2 Water Samples
Project Name : Tesoro Station 67062
Project Number : 67062
P.O. Number : 67062

Case Narrative

Sample GW-Eff was analyzed using bottles that contained headspace bubbles greater than 1/4 inch in diameter. No other bubble-free vials were available.

Approved By:

A handwritten signature in black ink, appearing to read "Jce Kiff".

Jce Kiff



Report Number : 43749

Date : 5/16/2005

Project Name : Tesoro Station 67062

Project Number : 67062

Sample : GW-Inf

Matrix : Water

Lab Number : 43749-01

Sample Date :5/12/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	54	0.90	ug/L	EPA 8260B	5/14/2005
Toluene	3.4	0.90	ug/L	EPA 8260B	5/14/2005
Ethylbenzene	9.1	0.90	ug/L	EPA 8260B	5/14/2005
Total Xylenes	21	0.90	ug/L	EPA 8260B	5/14/2005
Methyl-t-butyl ether (MTBE)	320	0.90	ug/L	EPA 8260B	5/14/2005
Diisopropyl ether (DIPE)	< 0.90	0.90	ug/L	EPA 8260B	5/14/2005
Ethyl-t-butyl ether (ETBE)	< 0.90	0.90	ug/L	EPA 8260B	5/14/2005
Tert-amyl methyl ether (TAME)	< 0.90	0.90	ug/L	EPA 8260B	5/14/2005
Tert-Butanol	2200	5.0	ug/L	EPA 8260B	5/14/2005
TPH as Gasoline	1200	90	ug/L	EPA 8260B	5/14/2005
Toluene - d8 (Surr)	94.9		% Recovery	EPA 8260B	5/14/2005
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	5/14/2005

Approved By:  Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800



Report Number : 43749

Date : 5/16/2005

Project Name : Tesoro Station 67062

Project Number : 67062

Sample : GW-Eff

Matrix : Water

Lab Number : 43749-02

Sample Date :5/12/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Methyl-t-butyl ether (MTBE)	1.7	0.50	ug/L	EPA 8260B	5/14/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Tert-Butanol	26	5.0	ug/L	EPA 8260B	5/14/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/14/2005
Toluene - d8 (Surr)	99.5		% Recovery	EPA 8260B	5/14/2005
4-Bromofluorobenzene (Surr)	86.9		% Recovery	EPA 8260B	5/14/2005

Approved By:  Joel Kiff

Report Number : 43749

Date : 5/16/2005

QC Report : Method Blank Data

Project Name : **Tesoro Station 67062**

Project Number : **67062**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/14/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/14/2005
Toluene - d8 (Surr)	102		%	EPA 8260B	5/14/2005
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	5/14/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	5/14/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	5/14/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/14/2005
Toluene - d8 (Surr)	98.6		%	EPA 8260B	5/14/2005
4-Bromofluorobenzene (Surr)	89.3		%	EPA 8260B	5/14/2005

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
------------------	-----------------------	-------------------------------	--------------	------------------------	----------------------

Approved By:  _____
 Joel Kiff

Report Number : 43749

Date : 5/16/2005

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : Tesoro Station 67062

Project Number : 67062

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	43728-02	<0.50	39.8	40.0	40.1	40.4	ug/L	EPA 8260B	5/14/05	101	101	0.348	70-130	25
Toluene	43728-02	<0.50	39.8	40.0	42.0	42.0	ug/L	EPA 8260B	5/14/05	105	105	0.323	70-130	25
Tert-Butanol	43728-02	12	199	200	206	213	ug/L	EPA 8260B	5/14/05	97.6	101	3.18	70-130	25
Methyl-t-Butyl Ether	43728-02	<0.50	39.8	40.0	37.5	36.1	ug/L	EPA 8260B	5/14/05	94.2	90.2	4.32	70-130	25
Benzene	43682-05	<0.50	40.0	40.0	42.4	41.6	ug/L	EPA 8260B	5/14/05	106	104	1.74	70-130	25
Toluene	43682-05	<0.50	40.0	40.0	41.2	40.6	ug/L	EPA 8260B	5/14/05	103	102	1.54	70-130	25
Tert-Butanol	43682-05	<5.0	200	200	207	204	ug/L	EPA 8260B	5/14/05	103	102	1.23	70-130	25
Methyl-t-Butyl Ether	43682-05	290	40.0	40.0	334	331	ug/L	EPA 8260B	5/14/05	102	92.9	9.33	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 43749

Date : 5/16/2005

QC Report : Laboratory Control Sample (LCS)

Project Name : **Tesoro Station 67062**

Project Number : **67062**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	5/14/05	101	70-130
Toluene	40.0	ug/L	EPA 8260B	5/14/05	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/14/05	101	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/14/05	91.5	70-130
Benzene	40.0	ug/L	EPA 8260B	5/14/05	101	70-130
Toluene	40.0	ug/L	EPA 8260B	5/14/05	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/14/05	96.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/14/05	92.6	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:


Joel Kiff



Analysis Summary

Report Number : 43749

Date : 5/16/2005

Attention : Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Project Name : Tesoro Station 67062
Project Number : 67062

Sample Name			GW-Inf		GW-Eff	
Sample Date			5/12/2005		5/12/2005	
Analyte	Method	Units	MRL	Results	MRL	Results
Benzene	EPA 8260B	ug/L	0.90	54	0.50	ND
Toluene	EPA 8260B	ug/L	0.90	3.4	0.50	ND
Ethylbenzene	EPA 8260B	ug/L	0.90	9.1	0.50	ND
Total Xylenes	EPA 8260B	ug/L	0.90	21	0.50	ND
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.90	320	0.50	1.7
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.90	ND	0.50	ND
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.90	ND	0.50	ND
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.90	ND	0.50	ND
Tert-Butanol	EPA 8260B	ug/L	5.0	2200	5.0	26
TPH as Gasoline	EPA 8260B	ug/L	90	1200	50	ND
Toluene - d8 (Surr)	EPA 8260B	%		94.9		99.5
4-Bromofluorobenzene (Surr)	EPA 8260B	%		99.2		86.9

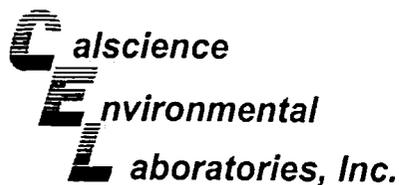
MRL = Method Reporting Limit
ND = Not Detected

Approved By,



Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
ELAP # 2236



May 20, 2005

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 05-05-0989**
Client Reference: **Tesoro Station 67062**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/14/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Nowak", is written over a horizontal line.

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

A handwritten signature in black ink, appearing to read "M. [unclear]", is written at the bottom left of the page.

Analytical Report



Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: 05/14/05
 Work Order No: 05-05-0989
 Preparation: EPA 3010A Total
 Method: EPA 6010B
 Units: mg/L

Project: Tesoro Station 67062

Page 1 of 1

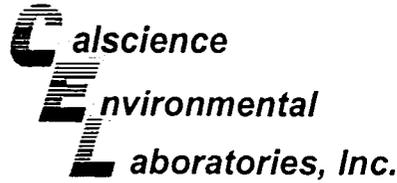
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GW-Eff	05-05-0989-1	05/12/05	Aqueous	05/17/05	05/18/05	050517L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

Method Blank	097-01-003-4,914	N/A			Aqueous	05/17/05	05/17/05		050517L02
--------------	------------------	-----	--	--	---------	----------	----------	--	-----------

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 05/14/05
Work Order No: 05-05-0989
Preparation: EPA 3010A Total
Method: EPA 6010B

Project Tesoro Station 67062

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GW-Eff	Aqueous	ICP 3300	05/17/05	05/18/05	050517S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Copper	99	99	80-120	0	0-20	
Lead	111	109	80-120	2	0-20	
Zinc	113	113	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience
Environmental Laboratories, Inc. Quality Control - Laboratory Control Sample



Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: N/A
 Work Order No: 05-05-0989
 Preparation: EPA 3010A Total
 Method: EPA 6010B

Project: Tesoro Station 67062

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-4,914	Aqueous	ICP 3300	05/17/05	050517-1-02	050517L02

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Copper	1.00	0.968	97	80-120	
Lead	1.00	1.09	109	80-120	
Zinc	1.00	1.13	113	80-120	

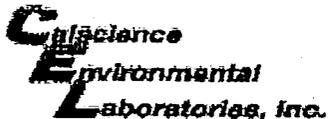
RPD - Relative Percent Difference, CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501



Work Order Number: 05-05-0989

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



WORK ORDER #: 05 - 05 - 0989

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff Analytical

DATE: 5/14/05

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
C Temperature blank.

LABORATORY (Other than Calscience Courier):

- C Temperature blank.
3.0 C IR thermometer.
Ambient temperature.

Initial: TL

CUSTODY SEAL INTACT:

Sample(s): Cooler: [checked] No (Not Intact): Not Applicable (N/A):

Initial: TL

SAMPLE CONDITION:

Table with 4 columns: Item, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sample container label(s), Sample container(s) intact, Correct containers, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: TL

COMMENTS:

Blank lines for handwritten comments.



Report Number : 44580

Date : 7/5/2005

Richard Munsch
RDM Environmental
6280 Brookshire Drive
Rocklin, CA 95677

Subject : 2 Water Samples
Project Name : Tesoro Station 67062
Project Number : 67062
P.O. Number : 67062

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 44580

Date : 7/5/2005

Project Name : Tesoro Station 67062

Project Number : 67062

Sample : GW-Inf

Matrix : Water

Lab Number : 44580-01

Sample Date :6/28/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	16	0.90	ug/L	EPA 8260B	7/1/2005
Toluene	1.1	0.90	ug/L	EPA 8260B	7/1/2005
Ethylbenzene	1.8	0.90	ug/L	EPA 8260B	7/1/2005
Total Xylenes	8.8	0.90	ug/L	EPA 8260B	7/1/2005
Methyl-t-butyl ether (MTBE)	310	0.90	ug/L	EPA 8260B	7/1/2005
Diisopropyl ether (DIPE)	< 0.90	0.90	ug/L	EPA 8260B	7/1/2005
Ethyl-t-butyl ether (ETBE)	< 0.90	0.90	ug/L	EPA 8260B	7/1/2005
Tert-amyl methyl ether (TAME)	< 0.90	0.90	ug/L	EPA 8260B	7/1/2005
Tert-Butanol	2900	5.0	ug/L	EPA 8260B	7/1/2005
TPH as Gasoline	990	90	ug/L	EPA 8260B	7/1/2005
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	7/1/2005
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	7/1/2005

Approved By:

Joel Kiff

Project Name : Tesoro Station 67062

Project Number : 67062

Sample : GW-Eff

Matrix : Water

Lab Number : 44580-02

Sample Date :6/28/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	7/1/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	7/1/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	7/1/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	7/1/2005
Methyl-t-butyl ether (MTBE)	1.6	0.50	ug/L	EPA 8260B	7/1/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	7/1/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	7/1/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	7/1/2005
Tert-Butanol	260	5.0	ug/L	EPA 8260B	7/1/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	7/1/2005
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	7/1/2005
4-Bromofluorobenzene (Surr)	104		% Recovery	EPA 8260B	7/1/2005

Approved By:  Joel Kiff

Report Number : 44580

Date : 7/5/2005

QC Report : Method Blank Data

Project Name : **Tesoro Station 67062**

Project Number : **67062**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/30/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/30/2005
Toluene - d8 (Surr)	99.6		%	EPA 8260B	6/30/2005
4-Bromofluorobenzene (Surr)	105		%	EPA 8260B	6/30/2005
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	6/30/2005
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	6/30/2005
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/30/2005
Toluene - d8 (Surr)	106		%	EPA 8260B	6/30/2005
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	6/30/2005

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
-----------	----------------	------------------------	-------	-----------------	---------------

Approved By:  _____

Report Number : 44580

Date : 7/5/2005

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Tesoro Station 67062**

Project Number : **67062**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	44535-09	12	40.0	40.0	52.7	50.6	ug/L	EPA 8260B	6/30/05	100	95.2	5.28	70-130	25
Toluene	44535-09	3.4	40.0	40.0	43.2	42.9	ug/L	EPA 8260B	6/30/05	99.6	98.9	0.692	70-130	25
Tert-Butanol	44535-09	<5.0	200	200	213	214	ug/L	EPA 8260B	6/30/05	106	107	0.409	70-130	25
Methyl-t-Butyl Ether	44535-09	3.8	40.0	40.0	37.2	35.4	ug/L	EPA 8260B	6/30/05	83.4	79.0	5.42	70-130	25
Benzene	44566-04	<0.50	40.0	40.0	39.7	39.4	ug/L	EPA 8260B	6/30/05	99.2	98.4	0.825	70-130	25
Toluene	44566-04	<0.50	40.0	40.0	43.3	42.7	ug/L	EPA 8260B	6/30/05	108	107	1.41	70-130	25
Tert-Butanol	44566-04	<5.0	200	200	221	221	ug/L	EPA 8260B	6/30/05	111	111	0.0630	70-130	25
Methyl-t-Butyl Ether	44566-04	0.51	40.0	40.0	35.6	35.5	ug/L	EPA 8260B	6/30/05	87.7	87.5	0.307	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 44580

Date : 7/5/2005

QC Report : Laboratory Control Sample (LCS)

Project Name : **Tesoro Station 67062**

Project Number : **67062**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	6/30/05	99.7	70-130
Toluene	40.0	ug/L	EPA 8260B	6/30/05	98.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/30/05	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/30/05	87.1	70-130
Benzene	40.0	ug/L	EPA 8260B	6/30/05	98.9	70-130
Toluene	40.0	ug/L	EPA 8260B	6/30/05	110	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/30/05	108	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/30/05	92.2	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:


Joel Kiff



Analysis Summary

Report Number : 44580

Date : 7/5/2005

Attention : Richard Munsch
 RDM Environmental
 6280 Brookshire Drive
 Rocklin, CA 95677

Project Name : Tesoro Station 67062
 Project Number : 67062

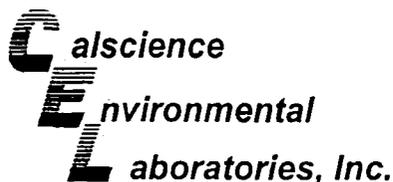
Sample Name		GW-Inf			GW-Eff		
Sample Date		6/28/2005			6/28/2005		
Analyte	Method	Units	MRL	Results	MRL	Results	
Benzene	EPA 8260B	ug/L	0.90	16	0.50	ND	
Toluene	EPA 8260B	ug/L	0.90	1.1	0.50	ND	
Ethylbenzene	EPA 8260B	ug/L	0.90	1.8	0.50	ND	
Total Xylenes	EPA 8260B	ug/L	0.90	8.8	0.50	ND	
Methyl-t-butyl ether (MTBE)	EPA 8260B	ug/L	0.90	310	0.50	1.6	
Diisopropyl ether (DIPE)	EPA 8260B	ug/L	0.90	ND	0.50	ND	
Ethyl-t-butyl ether (ETBE)	EPA 8260B	ug/L	0.90	ND	0.50	ND	
Tert-amyl methyl ether (TAME)	EPA 8260B	ug/L	0.90	ND	0.50	ND	
Tert-Butanol	EPA 8260B	ug/L	5.0	2900	5.0	260	
TPH as Gasoline	EPA 8260B	ug/L	90	990	50	ND	
Toluene - d8 (Surr)	EPA 8260B	%		106		100	
4-Bromofluorobenzene (Surr)	EPA 8260B	%		103		104	

MRL = Method Reporting Limit
 ND = Not Detected

Approved By,

Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800
 ELAP # 2236



July 07, 2005

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 05-07-0009**
Client Reference: **Tesoro Station 67062**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/1/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

Analytical Report



Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: 07/01/05
 Work Order No: 05-07-0009
 Preparation: EPA 3010A Total
 Method: EPA 6010B
 Units: mg/L

Project: Tesoro Station 67062

Page 1 of 1

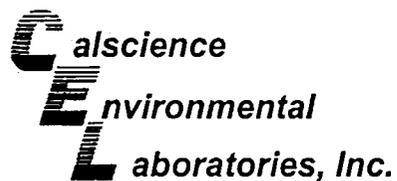
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GW-Eff	05-07-0009-1	06/28/05	Aqueous	07/01/05	07/05/05	050701L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Copper	ND	0.00500	1		Zinc	0.0418	0.0100	1	
Lead	ND	0.0100	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	097-01-003-5,069	N/A	Aqueous	07/01/05	07/05/05	050701L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 07/01/05
Work Order No: 05-07-0009
Preparation: EPA 3010A Total
Method: EPA 6010B

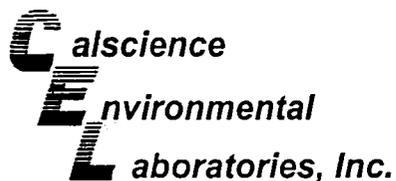
Project Tesoro Station 67062

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-06-1946-2	Aqueous	ICP 3300	07/01/05	07/01/05	050701S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Copper	113	110	80-120	3	0-20	
Lead	106	104	80-120	2	0-20	
Zinc	118	114	80-120	2	0-20	

RPD - Relative Percent Difference, CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501



Quality Control - LCS/LCS Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 05-07-0009
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: Tesoro Station 67062

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-5,069	Aqueous	ICP 3300	07/01/05	07/05/05	050701L03

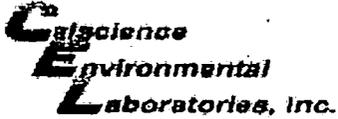
Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Copper	97	97	80-120	1	0-20	
Lead	105	105	80-120	0	0-20	
Zinc	103	103	80-120	0	0-20	

RPD - Relative Percent Difference, CL - Control Limit



Work Order Number: 05-07-0009

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



WORK ORDER #: 05 - 07 - 0009

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff

DATE: 7/1/05

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
°C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 4.3 °C Temperature blank.
°C IR thermometer.
Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): Cooler: [checked] No (Not Intact): Not Applicable (N/A):

Initial: [Signature]

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sample container label(s), Sample container(s) intact, Correct containers for analyses, Proper preservation noted, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: [Signature]

COMMENTS:

Blank lines for handwritten comments.



2795 2nd Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Lab No. 44580 Page 1 of 1

Project Contact (Hardcopy or PDF To): Rich Munsel
 Company/Address: RR Environmental
 Phone No.: 67062 FAX No.: 67062
 Project Number: (916) 415-1134 P.O. No.: (916) 415-1154

California EDF Report? Yes No
 Recommended but not mandatory to complete this section:
 Sampling Company Log Code: _____
 Global ID: _____
 EDF Deliverable To (Email Address): _____

Chain-of-Custody Record and Analysis Request

Project Name: Tesoro Station 67062 Sampler Signature: [Signature]
 Project Address: Castro CA

Analysis Request

Sample Designation	Sampling		Container				Preservative				Matrix		BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/235.2) TOTAL (X) W.E.T. (X)	Phy. Char. (X)	TAT			
	Date	Time	40 ml VOA	SLEEVE	Poly	HCl	HNO ₃	ICE	NONE	WATER	SOIL																			
<u>2A Gw-Int</u>	<u>6/28/05</u>	<u>4:00</u>	<u>2</u>			<u>X</u>				<u>X</u>							<u>X</u>												<u>12 hr/24 hr/48 hr/72 hr/1 wk</u>	<u>01</u>
<u>Gw-elt</u>	<u>6/28/05</u>	<u>4:00</u>	<u>2</u>			<u>X</u>	<u>X</u>			<u>X</u>							<u>X</u>													<u>02</u>

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample Receipt
 Temp °C 21.5 Therm. ID# 18-3
 Initial RJD Date 06/29/05
 Time 1:30 Coolest present: 0 N

Relinquished by: [Signature] Date: 06/29/05 Time: 1444
 Received by: _____
 Relinquished by: _____ Date: _____ Time: _____
 Received by: _____
 Relinquished by: _____ Date: 06/29/05 Time: 1451
 Received by Laboratory: [Signature] Kiff Analytical

Remarks: (STA7)
 Bill to: Tesoro Petroleum / Rob Donovan

